

ADF&G TECHNICAL DATA REPORT NO. 21
(Limited Distribution)

STATE OF ALASKA
Jay S. Hammond, Governor



SOUTHEASTERN ALASKA PINK AND CHUM SALMON PRE-EMERGENT
FRY DATA FILE, 1963-75

By:

James R. Dangel and John F. Jewell

1975

ALASKA DEPARTMENT OF FISH AND GAME
Subport Building, Juneau, Alaska 99801

James W. Brooks
Commissioner

ADF&G TECHNICAL DATA REPORTS

This series of reports is designed to facilitate prompt reporting of data from studies conducted by the Alaska Department of Fish and Game, especially studies which may be of direct and immediate interest to scientists of other agencies.

The primary purpose of these reports is presentation of data. Description of programs and data collection methods is included only to the extent required for interpretation of the data. Analysis is generally limited to that necessary for clarification of data collection methods and interpretation of the basic data. No attempt is made in these reports to present analysis of the data relative to its ultimate or intended use.

Data presented in these reports is intended to be final, however, some revisions may occasionally be necessary. Minor revision will be made via errata sheets. Major revisions will be made in the form of revised reports.

SOUTHEASTERN ALASKA PINK AND CHUM
SALMON PRE-EMERGENT FRY DATA FILE
1963-1975 1/

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1975

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SOUTHEASTERN ALASKA PINK AND CHUM
SALMON PRE-EMERGENT FRY DATA FILE

1963-1975

INTRODUCTION

This report documents the initiation of a data file for the Southeastern Alaska pink and chum salmon pre-emergent fry sampling program. Included are examples of computer printouts generated and two complete printouts included as Appendices A and B. Appendix B includes the names and numbers of all streams sampled. Stream maps, remarks on conditions, and complete printouts of those included here as examples are on file in the southeastern regional office, Alaska Department of Fish and Game.

The data file is used in the Southeastern Alaska pink salmon forecasting program that was begun in 1963. The most recent forecast by Kingsbury, Larson and Downey (1975) describes sampling methods and data analysis. Computer printouts of the raw data base and summaries in a standard format are intended to facilitate application of pink and chum salmon fry abundance indices to fisheries research and management problems. Persons or agencies wishing to utilize the data file are requested to contact the Southeastern Alaska Regional Supervisor, Division of Commercial Fisheries, Alaska Department of Fish and Game.

MATERIALS AND METHODS

The data are collected in the field and coded on waterproof coding forms (Figure 1). Cards corresponding to each sample point dug are keypunched from the forms and are edited in a program that provides an exception listing for those cards having fields not within prescribed parameters. A correction program allows cards to be corrected, deleted, or added.

After editing, the new data are transcribed onto a master tape with past years' data. This tape is used to produce a "raw data" printout (Figure 2). The data are sorted by year², district, sub-district, stream number, and study area. Totals for each study area are calculated for live eggs and fry, dead eggs and fry, for both pink and chum salmon, and total number of sample points dug.

The totals and sum of squares from the raw data printout are stored on tape and used to generate printouts of study area summary statistics (Figure 3). The density (mean number per square meter), minimum and maximums, and standard deviation are calculated for live eggs and fry, dead eggs and fry for both species.

2/

Listed year refers to year of sampling rather than brood year or year of return.

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PAGE _____ OF _____ FOR STREAM

Pre-emergent Pink and Chum Salmon Data Form

Field

10 11 12 13 14 15 16

17 **18** **19** **20** **21** **22** **23** **24**

Figure 1. Pre-emergent pink and chum salmon data form.

INSTRUCTIONS
PINK AND CHUM SALMON DATA FORM

General Instructions

- 1) When the same number is to be used throughout a column or portion of a column, draw a vertical arrow.
- 2) Leading zeros and zero entries need not be entered, but numbers should be right centered.

Specific Instructions

Field 5 Study Area (Numerical order for area sampled within a stream).

Field 6 Stream Area (Type of area sampled - 1 for UPSTREAM with no intertidal, 2 for DOWNSTREAM with intertidal, 3 for INTERTIDAL, 4 for OLD UPSTREAM, 5 for NEW UPSTREAM, 6 for OLD INTERTIDAL, and 7 for NEW INTERTIDAL).

Field 7 Temperature (With decimal for Centigrade and without decimal for Fahrenheit).

Field 8 Crew Leader (0 for UNKNOWN, 1-199 for South-eastern, 200-299 for Prince William Sound, 300-399 for Cook Inlet, 400-499 for Kodiak, 500-599 for Chignik and Alaska Peninsula, 600-699 for A-Y-K Region).

Field 9 Dig Type (0 or 1 for spring pre-emergent and 2 for fall egg deposition).

Field 10 Location (Sample subgroup of same riffle or group of similar riffles).

Field 11 Sample Point (Non-identical numbered samples within a location).

Field 14 Percent Absorbed (Average percent frysac absorbed for pink salmon).

Field 19 Percent Absorbed (Average percent frysac absorbed for chum salmon).

Field 22 Remarks (1 for Sculpin, 2 for Flatworms, 3 for Roundworms, 4 for Dolly Varden, 5 for Copepods, and 6 for Flounders).

Field 23 Condition (1 for NOT SAMPLED DUE TO SNOW, 2 for NOT SAMPLED BECAUSE DRY, and 3 for NOT SAMPLED DUE TO WEATHER).

Figure 1. Pre-emergent pink and chum salmon data form. Continued.

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*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

KADASHAN BAY E HEAD

MARCH 20, 1975

DISTRICT	SUBDISTRICT	STREAM NUMBER	STUDY AREA	STREAM AREA UPSTREAM	FAHRENHEIT TEMPERATURE	CREW LEADER
112	42	25	22		33	DANGEL

LOCATION	POINT	PINK SALMON DATA					CHUM SALMON DATA				
		LIVE EGGS	LIVE FRY	% FRY SAC ABSORBED	DEAD EGGS	DEAD FRY	LIVE EGGS	LIVE FRY	% FRY SAC ABSORBED	DEAD EGGS	DEAD FRY
1	1	0	153	75	1	0	0	0	0	0	0
1	2	0	4	0	0	0	0	0	0	0	0
1	3	0	524	80	0	0	0	0	0	0	0
1	4	0	257	80	0	0	0	0	0	0	0
1	5	0	2	80	0	0	0	0	0	0	0
11	1	0	18	85	0	0	0	0	0	0	0
11	2	0	0	0	0	0	0	0	0	0	0
11	3	0	2	85	0	0	0	0	0	0	0
11	4	0	22	80	2	0	0	0	0	0	0
11	5	0	5	80	20	0	0	0	0	0	0
21	1	0	24	85	0	0	0	0	0	0	0
21	2	0	97	85	0	0	0	0	0	0	0
21	3	0	26	85	0	0	0	0	0	0	0
21	4	0	1	85	0	0	0	0	0	0	0
21	5	0	0	0	0	0	0	0	0	0	0

STUDY AREA TOTALS 0 1135 3 0 0 0 0 0 0 0 0 0
 AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METER.
 FOR 12 PINK SALMON POINTS, THE AVERAGE PERCENT FRY SAC ABSORBED WAS 82%.
 FOR 0 CHUM SALMON POINTS, THE AVERAGE PERCENT FRY SAC ABSORBED WAS 0%.
 THE TOTAL NUMBER OF POINTS DUG WERE 15 FOR THIS STREAM STUDY AREA.

Figure 2. Raw data printout for pre-emergent pink and chum salmon data.

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

MARCH 20, 1975

DISTRICT	SUBDISTRICT	STREAM NUMBER	STREAM NAME	STUDY AREA	STREAM AREA UPSTREAM
112	42	25	KADASHAN BAY E HEAD	22	

STUDY AREA SUMMARY STATISTICS

PINK SALMON DATA							ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
STUDY AREA TOTALS ^{1/}	0.0	1135.0	1135.0	3.0	0.0	3.0	1138.0
MEAN NO./ SQ. METER ^{2/}	0.0	378.3	378.3	1.0	0.0	1.0	379.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2620.0	2620.0	10.0	0.0	10.0	2620.0
STANDARD DEVIATIONS / SQ. METER ¹⁵	0.0	719.2	719.2	2.8	0.0	2.8	719.1

CHUM SALMON DATA							ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
STUDY AREA TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 15 FOR THIS SUMMARY.

Figure 3. Study area summary statistics for pre-emergent pink and chum salmon data.

The same total and sum of squares are used to produce unweighted summaries for grouped subdistricts (Figure 4) and for each district, southern districts 101-108, northern districts 109-11⁴, and all Southeastern Alaska (Appendix A).

Data stored on tape are used to produce a summary by year of live pink salmon eggs and fry, including number of digs (samples), density, and standard deviation (Appendix B). This is a listing by stream number and study area of all areas sampled.

All data on file are included in each printout. The totals include some study areas not currently sampled and study areas recently sampled but not included in the forecast analysis.

Each year new data will be edited and entered on the master tape. The master tape will be used to produce the new raw data printout and summary reports. Data and basic calculations are stored on tape such that they are available for future programming in FORTRAN IV.

ACKNOWLEDGMENTS

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LITERATURE CITED

Kingsbury, Alan P., Paul R. Larson, and Gerry D. Downey. 1975. Forecast of the 1975 pink salmon returns to Southeastern Alaska. Alaska Department of Fish and Game, Informational Leaflet No. 168.

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ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

GROUPED SUBDISTRICT NO. 122

1974 SUMMARY STATISTICS

INCLUDES DISTRICT-SUBDISTRICT NUMBERS: 112-42, 112-44, 112-46, 112-47, 112-48, 112-50,

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
GROUP TOTALS ^{1/}	2.0	5204.0	5206.0	1229.0	51.0	1280.0	6486.0
MEAN NO./ SQ. METER ^{2/}	0.0	82.1	82.1	19.4	0.8	20.2	102.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	3285.0	3285.0	750.0	185.0	750.0	3385.0
STANDARD DEVIATIONS / SQ. METER	0.4	339.6	339.6	92.6	10.5	93.1	360.5

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
GROUP TOTALS ^{1/}	0.0	339.0	339.0	0.0	0.0	0.0	339.0
MEAN NO./ SQ. METER ^{2/}	0.0	5.3	5.3	0.0	0.0	0.0	5.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1165.0	1165.0	0.0	0.0	0.0	1165.0
STANDARD DEVIATIONS / SQ. METER	0.0	67.8	67.8	0.0	0.0	0.0	67.8

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 317 FOR THIS SUMMARY.

Figure 4. Grouped subdistrict summary statistics for pre-emergent pink and chum salmon data.

APPENDIX A

Appendix A. Summary statistics for each district, subtotals for southern districts 101-108, subtotals for northern districts 109-114, and all Southeastern Alaska for years 1963-1975.

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ALASKA DEPARTMENT OF FISH AND GAME
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APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1963 DISTRICT 102 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	3240.0	3240.0	5288.0	1091.0	6379.0	9619.0
MEAN NO./ SQ. METER ^{2/}	0.0	75.0	75.0	122.4	25.3	147.7	222.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2210.0	2210.0	2000.0	370.0	2050.0	2375.0
STANDARD DEVIATIONS / SQ. METER	0.0	213.1	213.1	314.2	65.7	333.0	426.7

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	267.0	267.0	0.0	56.0	56.0	323.0
MEAN NO./ SQ. METER ^{2/}	0.0	6.2	6.2	0.0	1.3	1.3	7.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	650.0	650.0	0.0	240.0	240.0	650.0
STANDARD DEVIATIONS / SQ. METER	0.0	51.6	51.6	0.0	16.4	16.4	54.1

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X ⁵.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 216 FOR THIS SUMMARY.

R03-11Z-0002

A L A S K A D E P A R T M E N T O F F I S H A N D G A M E
D I V I S I O N O F C O M M E R C I A L F I S H E R I E S

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1963 D I S T R I C T 106 S U M M A R Y S T A T I S T I C S

	P I N K S A L M O N D A T A						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	849.0	849.0	297.0	296.0	593.0	1442.0
MEAN NO./ SQ. METER ^{2/}	0.0	121.3	121.3	42.4	42.3	84.7	206.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1980.0	1980.0	1220.0	1450.0	1525.0	2280.0
STANDARD DEVIATIONS / SQ. METER	0.0	371.9	371.9	205.9	245.0	324.2	572.7

	C H U M S A L M O N D A T A						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	12.0	12.0	0.0	0.0	0.0	12.0
MEAN NO./ SQ. METER ^{2/}	0.0	1.7	1.7	0.0	0.0	0.0	1.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	60.0	60.0	0.0	0.0	0.0	60.0
STANDARD DEVIATIONS / SQ. METER	0.0	10.1	10.1	0.0	0.0	0.0	10.1

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 35 FOR THIS SUMMARY.

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ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1963 DISTRICT 107 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	615.0	615.0	4654.0	0.0	4654.0	5269.0
MEAN NO./ SQ. METER ^{2/}	0.0	68.3	68.3	517.1	0.0	517.1	585.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	820.0	820.0	2980.0	0.0	2980.0	3030.0
STANDARD DEVIATIONS / SQ. METER	0.0	152.5	152.5	653.5	0.0	653.5	667.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 45 FOR THIS SUMMARY.

R04-11Z-0002

A L A S K A D E P A R T M E N T O F F I S H A N D G A M E
D I V I S I O N O F C O M M E R C I A L F I S H E R I E S

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1963 D I S T R I C T S 1 0 1 - 1 0 8 S U M M A R Y S T A T I S T I C S

	P I N K S A L M O N D A T A						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	0.0	4704.0	4704.0	10239.0	1387.0	11626.0	16330.0
MEAN NO./ SQ. METER ^{2/}	0.0	79.5	79.5	173.0	23.4	196.4	275.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2210.0	2210.0	2980.0	1450.0	2980.0	3030.0
STANDARD DEVIATIONS / SQ. METER	0.0	229.6	229.6	403.1	101.0	419.0	504.2

	C H U M S A L M O N D A T A						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	0.0	279.0	279.0	0.0	56.0	56.0	335.0
MEAN NO./ SQ. METER ^{2/}	0.0	4.7	4.7	0.0	0.9	0.9	5.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	650.0	650.0	0.0	240.0	240.0	650.0
STANDARD DEVIATIONS / SQ. METER	0.0	44.3	44.3	0.0	14.0	14.0	46.4

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 296 FOR THIS SUMMARY.

R06-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1963 SOUTHEASTERN ALASKA SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	0.0	4704.0	4704.0	10239.0	1387.0	11626.0	16330.0
MEAN NO./ SQ. METER ^{2/}	0.0	79.5	79.5	173.0	23.4	196.4	275.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2210.0	2210.0	2980.0	1450.0	2980.0	3030.0
STANDARD DEVIATIONS / SQ. METER	0.0	229.6	229.6	403.1	101.0	419.0	504.2
- - - - -							
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	0.0	279.0	279.0	0.0	56.0	56.0	335.0
MEAN NO./ SQ. METER ^{2/}	0.0	4.7	4.7	0.0	0.9	0.9	5.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	650.0	650.0	0.0	240.0	240.0	650.0
STANDARD DEVIATIONS / SQ. METER	0.0	44.3	44.3	0.0	14.0	14.0	46.4

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 296 FOR THIS SUMMARY.

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ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1964 DISTRICT 101 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	20970.0	20970.0	5518.0	436.0	5954.0	26924.0
MEAN NO./ SQ. METER ^{2/}	0.0	188.2	188.2	49.5	3.9	53.4	241.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2935.0	2935.0	2305.0	1170.0	2310.0	2935.0
STANDARD DEVIATIONS / SQ. METER	0.0	420.0	420.0	169.6	50.4	176.7	450.4

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	703.0	703.0	6.0	5.0	11.0	714.0
MEAN NO./ SQ. METER ^{2/}	0.0	6.3	6.3	0.1	0.0	0.1	6.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1105.0	1105.0	30.0	25.0	30.0	1105.0
STANDARD DEVIATIONS / SQ. METER	0.0	66.5	66.5	1.3	1.1	1.7	66.6

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 557 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1964 DISTRICT 102 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	59.0	4931.0	4990.0	349.0	66.0	415.0	5405.0
MEAN NO./ SQ. METER ^{2/}	1.2	99.8	101.0	7.1	1.3	8.4	109.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	295.0	3195.0	3195.0	235.0	110.0	240.0	3225.0
STANDARD DEVIATIONS / SQ. METER	18.8	355.9	357.5	24.3	8.3	26.3	363.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	93.0	494.0	587.0	82.0	45.0	127.0	714.0
MEAN NO./ SQ. METER ^{2/}	1.9	10.0	11.9	1.7	0.9	2.6	14.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	465.0	1630.0	1630.0	410.0	145.0	410.0	1630.0
STANDARD DEVIATIONS / SQ. METER	29.6	110.9	114.6	26.1	10.5	28.1	120.2

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 247 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1964 DISTRICT 103 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	9468.0	9468.0	4936.0	333.0	5269.0	14737.0
MEAN NO./ SQ. METER ^{2/}	0.0	267.5	267.5	139.4	9.4	148.8	416.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2250.0	2250.0	1605.0	750.0	1605.0	2260.0
STANDARD DEVIATIONS / SQ. METER	0.0	424.0	424.0	273.1	71.0	290.1	517.4

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	995.0	995.0	214.0	0.0	214.0	1209.0
MEAN NO./ SQ. METER ^{2/}	0.0	28.1	28.1	6.0	0.0	6.0	34.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1150.0	1150.0	500.0	0.0	500.0	1150.0
STANDARD DEVIATIONS / SQ. METER	0.0	144.6	144.6	49.7	0.0	49.7	163.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 177 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1964 DISTRICT 106 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	15.0	5537.0	5552.0	914.0	4.0	918.0	6470.0
MEAN NO./ SQ. METER ^{2/}	0.3	120.4	120.7	19.9	0.1	20.0	140.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	75.0	2420.0	2420.0	1000.0	10.0	1000.0	2420.0
STANDARD DEVIATIONS / SQ. METER	4.9	374.8	374.7	107.7	0.8	107.7	385.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1470.0	1470.0	0.0	1.0	1.0	1471.0
MEAN NO./ SQ. METER ^{2/}	0.0	32.0	32.0	0.0	0.0	0.0	32.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1820.0	1820.0	0.0	5.0	5.0	1820.0
STANDARD DEVIATIONS / SQ. METER	0.0	166.7	166.7	0.0	0.3	0.3	166.7

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 230 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1964 DISTRICT 107 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	16720.0	16720.0	10107.0	685.0	10792.0	27512.0
MEAN NO./ SQ. METER ^{2/}	0.0	281.5	281.5	170.2	11.5	181.7	463.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2495.0	2495.0	2500.0	585.0	2500.0	3155.0
STANDARD DEVIATIONS / SQ. METER	0.0	472.3	472.3	359.6	45.6	362.5	611.8

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 297 FOR THIS SUMMARY.

R04-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1964 DISTRICTS 101-108 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	74.0	57626.0	57700.0	21824.0	1524.0	23348.0	81048.0
MEAN NO./ SQ. METER ^{2/}	0.2	191.1	191.3	72.4	5.1	77.4	268.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	295.0	3195.0	3195.0	2500.0	1170.0	2500.0	3225.0
STANDARD DEVIATIONS / SQ. METER	7.8	419.9	420.1	224.3	44.3	230.8	490.6

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	93.0	3662.0	3755.0	302.0	51.0	353.0	4108.0
MEAN NO./ SQ. METER ^{2/}	0.3	12.1	12.5	1.0	0.2	1.2	13.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	465.0	1820.0	1820.0	500.0	145.0	500.0	1820.0
STANDARD DEVIATIONS / SQ. METER	12.0	102.1	102.8	20.1	4.3	20.5	107.1

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 1508 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1964 DISTRICT 109 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	337.0	337.0	47.0	0.0	47.0	384.0
MEAN NO./ SQ. METER ^{2/}	0.0	62.4	62.4	8.7	0.0	8.7	71.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	545.0	545.0	225.0	0.0	225.0	545.0
STANDARD DEVIATIONS / SQ. METER	0.0	146.8	146.8	43.2	0.0	43.2	165.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 27 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1964 DISTRICT 110 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	3017.0	3017.0	311.0	6.0	317.0	3334.0
MEAN NO./ SQ. METER ^{2/}	0.0	77.4	77.4	8.0	0.2	8.1	85.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2155.0	2155.0	500.0	10.0	500.0	2160.0
STANDARD DEVIATIONS / SQ. METER	0.0	280.0	280.0	48.6	1.1	48.9	283.8

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1724.0	1724.0	0.0	0.0	0.0	1724.0
MEAN NO./ SQ. METER ^{2/}	0.0	44.2	44.2	0.0	0.0	0.0	44.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1795.0	1795.0	0.0	0.0	0.0	1795.0
STANDARD DEVIATIONS / SQ. METER	0.0	199.5	199.5	0.0	0.0	0.0	199.5

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 195 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1964 DISTRICT 111 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1810.0	1810.0	655.0	1.0	656.0	2466.0
MEAN NO./ SQ. METER ^{2/}	0.0	201.1	201.1	72.8	0.1	72.9	274.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1960.0	1960.0	1750.0	5.0	1750.0	1960.0
STANDARD DEVIATIONS / SQ. METER	0.0	381.2	381.2	275.2	0.7	275.3	459.2

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 45 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1964 DISTRICT 112 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	6078.0	6078.0	441.0	15.0	456.0	6534.0
MEAN NO./ SQ. METER ^{2/}	0.0	276.3	276.3	20.0	0.7	20.7	297.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2115.0	2115.0	750.0	55.0	750.0	2115.0
STANDARD DEVIATIONS / SQ. METER	0.0	442.1	442.1	92.7	5.4	92.7	452.2

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1474.0	1474.0	0.0	0.0	0.0	1474.0
MEAN NO./ SQ. METER ^{2/}	0.0	67.0	67.0	0.0	0.0	0.0	67.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1420.0	1420.0	0.0	0.0	0.0	1420.0
STANDARD DEVIATIONS / SQ. METER	0.0	238.7	238.7	0.0	0.0	0.0	238.7

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 110 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1964 DISTRICT 113 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	35.0	18223.0	18258.0	2076.0	114.0	2190.0	20448.0
MEAN NO./ SQ. METER ^{2/}	0.8	405.0	405.7	46.1	2.5	48.7	454.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	175.0	4785.0	4785.0	1000.0	535.0	1000.0	4785.0
STANDARD DEVIATIONS / SQ. METER	11.7	769.9	771.5	136.6	35.7	140.4	774.2

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	116.0	116.0	0.0	0.0	0.0	116.0
MEAN NO./ SQ. METER ^{2/}	0.0	2.6	2.6	0.0	0.0	0.0	2.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	465.0	465.0	0.0	0.0	0.0	465.0
STANDARD DEVIATIONS / SQ. METER	0.0	31.9	31.9	0.0	0.0	0.0	31.9

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 225 FOR THIS SUMMARY.

R05-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1964 DISTRICTS 109 - 114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	35.0	29465.0	29500.0	3530.0	136.0	3666.0	33166.0
MEAN NO./ SQ. METER ^{2/}	0.3	244.7	245.0	29.3	1.1	30.4	275.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	175.0	4785.0	4785.0	1750.0	535.0	1750.0	4785.0
STANDARD DEVIATIONS / SQ. METER	7.1	560.2	561.1	123.8	22.0	125.5	573.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	0.0	3314.0	3314.0	0.0	0.0	0.0	3314.0
MEAN NO./ SQ. METER ^{2/}	0.0	27.5	27.5	0.0	0.0	0.0	27.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1795.0	1795.0	0.0	0.0	0.0	1795.0
STANDARD DEVIATIONS / SQ. METER	0.0	155.7	155.7	0.0	0.0	0.0	155.7

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 602 FOR THIS SUMMARY.

R06-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1964 SOUTHEASTERN ALASKA SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	109.0	87091.0	87200.0	25354.0	1660.0	27014.0	114214.0
MEAN NO./ SQ. METER ^{2/}	0.3	206.4	206.6	60.1	3.9	64.0	270.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	295.0	4785.0	4785.0	2500.0	1170.0	2500.0	4785.0
STANDARD DEVIATIONS / SQ. METER	7.6	464.8	465.2	201.7	39.3	207.4	515.4

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	93.0	6976.0	7069.0	302.0	51.0	353.0	7422.0
MEAN NO./ SQ. METER ^{2/}	0.2	16.5	16.8	0.7	0.1	0.8	17.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	465.0	1820.0	1820.0	500.0	145.0	500.0	1820.0
STANDARD DEVIATIONS / SQ. METER	10.1	120.1	120.5	17.0	3.6	17.4	123.1

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 2110 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1965 DISTRICT 101 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	5933.0	5933.0	2595.0	370.0	2965.0	8898.0
MEAN NO./ SQ. METER ^{2/}	0.0	93.0	93.0	40.7	5.8	46.5	139.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1960.0	1960.0	500.0	430.0	500.0	2075.0
STANDARD DEVIATIONS / SQ. METER	0.0	246.5	246.5	91.0	29.6	98.1	292.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	6.0	316.0	322.0	1.0	0.0	1.0	323.0
MEAN NO./ SQ. METER ^{2/}	0.1	5.0	5.0	0.0	0.0	0.0	5.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	25.0	1115.0	1115.0	5.0	0.0	5.0	1115.0
STANDARD DEVIATIONS / SQ. METER	1.4	63.2	63.2	0.3	0.0	0.3	63.2

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.

(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 319 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1965 DISTRICT 102 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	2875.0	2875.0	127.0	230.0	357.0	3232.0
MEAN NO./ SQ. METER ^{2/}	0.0	80.3	80.3	3.5	6.4	10.0	90.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1745.0	1745.0	200.0	265.0	265.0	1850.0
STANDARD DEVIATIONS / SQ. METER	0.0	265.4	265.4	23.3	28.6	39.4	282.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 179 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1965 DISTRICT 103 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	17.0	5224.0	5241.0	4557.0	298.0	4855.0	10096.0
MEAN NO./ SQ. METER ^{2/}	0.8	237.5	238.2	207.1	13.5	220.7	458.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	85.0	2065.0	2065.0	975.0	325.0	1135.0	2440.0
STANDARD DEVIATIONS / SQ. METER	8.1	385.8	386.7	229.3	46.8	237.9	483.6

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	309.0	309.0	0.0	7.0	7.0	316.0
MEAN NO./ SQ. METER ^{2/}	0.0	14.0	14.0	0.0	0.3	0.3	14.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	375.0	375.0	0.0	35.0	35.0	375.0
STANDARD DEVIATIONS / SQ. METER	0.0	54.9	54.9	0.0	3.3	3.3	54.9

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.

(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 110 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1965 DISTRICT 105 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	4433.0	4433.0	1719.0	47.0	1766.0	6199.0
MEAN NO./ SQ. METER ^{2/}	0.0	173.2	173.2	67.1	1.8	69.0	242.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	3050.0	3050.0	1050.0	45.0	1050.0	3325.0
STANDARD DEVIATIONS / SQ. METER	0.0	440.7	440.7	150.0	7.2	151.4	510.4

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 128 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1965 DISTRICT 106 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	1.0	9018.0	9019.0	2782.0	500.0	3282.0	12301.0
MEAN NO./ SQ. METER ^{2/}	0.0	209.7	209.7	64.7	11.6	76.3	286.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	2595.0	2595.0	1000.0	425.0	1000.0	2595.0
STANDARD DEVIATIONS / SQ. METER	0.3	403.8	403.8	155.9	52.0	162.0	419.4

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 215 FOR THIS SUMMARY.

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APPENDIX A

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1965 DISTRICT 107 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	12.0	5285.0	5297.0	1000.0	120.0	1120.0	6417.0
MEAN NO./ SQ. METER ^{2/}	0.2	77.9	78.1	14.7	1.8	16.5	94.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	60.0	1330.0	1330.0	875.0	225.0	875.0	1330.0
STANDARD DEVIATIONS / SQ. METER	3.3	211.9	211.8	67.0	13.8	68.2	223.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	2.0	2.0	0.0	0.0	0.0	2.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	5.0	5.0	0.0	0.0	0.0	5.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.4	0.4	0.0	0.0	0.0	0.4

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 339 FOR THIS SUMMARY.

R04-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1965 DISTRICTS 101-108 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	30.0	32768.0	32798.0	12780.0	1565.0	14345.0	47143.0
MEAN NO./ SQ. METER ^{2/}	0.1	127.0	127.1	49.5	6.1	55.6	182.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	85.0	3050.0	3050.0	1050.0	430.0	1135.0	3325.0
STANDARD DEVIATIONS / SQ. METER	2.9	314.5	314.6	129.6	32.2	135.4	363.4

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	6.0	627.0	633.0	1.0	7.0	8.0	641.0
MEAN NO./ SQ. METER ^{2/}	0.0	2.4	2.5	0.0	0.0	0.0	2.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	25.0	1115.0	1115.0	5.0	35.0	35.0	1115.0
STANDARD DEVIATIONS / SQ. METER	0.7	35.4	35.5	0.1	1.0	1.0	35.5

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 1290 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
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APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1965 DISTRICT 109 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	61.0	6588.0	6649.0	1892.0	47.0	1939.0	8588.0
MEAN NO./ SQ. METER ^{2/}	3.0	329.4	332.4	94.6	2.3	96.9	429.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	300.0	2230.0	2230.0	700.0	30.0	700.0	2260.0
STANDARD DEVIATIONS / SQ. METER	30.0	509.9	511.1	136.6	5.6	136.9	515.7

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 100 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1965 DISTRICT 110 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	3292.0	3292.0	307.0	293.0	600.0	3892.0
MEAN NO./ SQ. METER ^{2/}	0.0	193.6	193.6	18.1	17.2	35.3	228.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	4145.0	4145.0	200.0	615.0	685.0	4145.0
STANDARD DEVIATIONS / SQ. METER	0.0	537.3	537.3	43.5	78.4	102.2	560.7

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	457.0	457.0	0.0	0.0	0.0	457.0
MEAN NO./ SQ. METER ^{2/}	0.0	26.9	26.9	0.0	0.0	0.0	26.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1660.0	1660.0	0.0	0.0	0.0	1660.0
STANDARD DEVIATIONS / SQ. METER	0.0	191.1	191.1	0.0	0.0	0.0	191.1

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X ⁵.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 85 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
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APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1965 DISTRICT 111 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	1.0	674.0	675.0	3537.0	59.0	3596.0	4271.0
MEAN NO./ SQ. METER ^{2/}	0.1	84.3	84.4	442.1	7.4	449.5	533.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	555.0	555.0	2000.0	200.0	2000.0	2280.0
STANDARD DEVIATIONS / SQ. METER	0.8	152.7	152.9	567.0	31.7	568.1	651.6

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 40 FOR THIS SUMMARY.

R03-11Z-0002

A L A S K A D E P A R T M E N T O F F I S H A N D G A M E
D I V I S I O N O F C O M M E R C I A L F I S H E R I E S

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1965 D I S T R I C T 112 S U M M A R Y S T A T I S T I C S

	P I N K S A L M O N D A T A						A L L P I N K S A L M O N
	L I V E E G G S	L I V E F R Y	L I V E T O T A L	D E A D E G G S	D E A D F R Y	D E A D T O T A L	
DISTRICT TOTALS ^{1/}	0.0	838.0	838.0	367.0	1.0	368.0	1206.0
MEAN NO./ SQ. METER ^{2/}	0.0	190.5	190.5	83.4	0.2	83.6	274.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1430.0	1430.0	750.0	5.0	750.0	1585.0
STANDARD DEVIATIONS / SQ. METER	0.0	408.3	408.3	186.0	1.1	186.1	456.6

	C H U M S A L M O N D A T A						A L L C H U M S A L M O N
	L I V E E G G S	L I V E F R Y	L I V E T O T A L	D E A D E G G S	D E A D F R Y	D E A D T O T A L	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 22 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1965 DISTRICT 113 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	10.0	10569.0	10579.0	2426.0	38.0	2464.0	13043.0
MEAN NO./ SQ. METER ^{2/}	0.3	293.6	293.9	67.4	1.1	68.4	362.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	45.0	3755.0	3755.0	1000.0	50.0	1000.0	4255.0
STANDARD DEVIATIONS / SQ. METER	3.4	634.1	634.0	148.5	5.6	150.2	665.1

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1207.0	1207.0	0.0	0.0	0.0	1207.0
MEAN NO./ SQ. METER ^{2/}	0.0	33.5	33.5	0.0	0.0	0.0	33.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2235.0	2235.0	0.0	0.0	0.0	2235.0
STANDARD DEVIATIONS / SQ. METER	0.0	238.4	238.4	0.0	0.0	0.0	238.4

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 180 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1965 DISTRICT 114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	172.0	4743.0	4915.0	2348.0	182.0	2530.0	7445.0
MEAN NO./ SQ. METER ^{2/}	14.3	395.3	409.6	195.7	15.2	210.8	620.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	600.0	2820.0	2820.0	1500.0	250.0	1500.0	3020.0
STANDARD DEVIATIONS / SQ. METER	78.8	645.5	662.0	288.2	51.5	290.2	719.4

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	144.0	144.0	0.0	0.0	0.0	144.0
MEAN NO./ SQ. METER ^{2/}	0.0	12.0	12.0	0.0	0.0	0.0	12.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	630.0	630.0	0.0	0.0	0.0	630.0
STANDARD DEVIATIONS / SQ. METER	0.0	81.6	81.6	0.0	0.0	0.0	81.6

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 60 FOR THIS SUMMARY.

R05-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1965 DISTRICTS 109-114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	244.0	26704.0	26948.0	10877.0	620.0	11497.0	38445.0
MEAN NO./ SQ. METER ^{2/}	2.5	274.2	276.7	111.7	6.4	118.0	394.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	600.0	4145.0	4145.0	2000.0	615.0	2000.0	4255.0
STANDARD DEVIATIONS / SQ. METER	31.0	563.6	566.5	248.7	39.1	252.8	625.6

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	0.0	1808.0	1808.0	0.0	0.0	0.0	1808.0
MEAN NO./ SQ. METER ^{2/}	0.0	18.6	18.6	0.0	0.0	0.0	18.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2235.0	2235.0	0.0	0.0	0.0	2235.0
STANDARD DEVIATIONS / SQ. METER	0.0	168.2	168.2	0.0	0.0	0.0	168.2

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 487 FOR THIS SUMMARY.

R06-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1965 SOUTHEASTERN ALASKA SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	274.0	59472.0	59746.0	23657.0	2185.0	25842.0	85588.0
MEAN NO./ SQ. METER ^{2/}	0.8	167.3	168.1	66.6	6.1	72.7	240.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	600.0	4145.0	4145.0	2000.0	615.0	2000.0	4255.0
STANDARD DEVIATIONS / SQ. METER	16.4	403.7	405.1	172.9	34.2	177.7	460.3
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	6.0	2435.0	2441.0	1.0	7.0	8.0	2449.0
MEAN NO./ SQ. METER ^{2/}	0.0	6.9	6.9	0.0	0.0	0.0	6.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	25.0	2235.0	2235.0	5.0	35.0	35.0	2235.0
STANDARD DEVIATIONS / SQ. METER	0.6	93.3	93.3	0.1	0.8	0.8	93.3

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 1777 FOR THIS SUMMARY.

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A *** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1966 DISTRICT 101 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	13.0	3422.0	3435.0	2020.0	57.0	2077.0	5512.0
MEAN NO./ SQ. METER ^{2/}	0.2	40.2	40.3	23.7	0.7	24.4	64.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	60.0	2700.0	2700.0	1055.0	40.0	1055.0	2760.0
STANDARD DEVIATIONS / SQ. METER	2.9	201.4	201.9	107.5	4.2	108.1	237.7

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 426 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1966 DISTRICT 102 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	129.0	4594.0	4723.0	1260.0	771.0	2031.0	6754.0
MEAN NO./ SQ. METER ^{2/}	5.1	182.3	187.4	50.0	30.6	80.6	268.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	150.0	2400.0	2400.0	1500.0	600.0	1500.0	3020.0
STANDARD DEVIATIONS / SQ. METER	18.7	410.6	411.8	185.2	94.0	203.9	491.6

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	2.0	2.0	0.0	0.0	0.0	2.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.1	0.1	0.0	0.0	0.0	0.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	10.0	10.0	0.0	0.0	0.0	10.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.9	0.9	0.0	0.0	0.0	0.9

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 126 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

APPENDIX A

1966 DISTRICT 103 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	4369.0	4369.0	1603.0	12.0	1615.0	5984.0
MEAN NO./ SQ. METER ^{2/}	0.0	62.6	62.6	23.0	0.2	23.1	85.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2450.0	2450.0	665.0	30.0	665.0	2450.0
STANDARD DEVIATIONS / SQ. METER	0.0	255.6	255.6	73.6	1.9	73.7	267.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	213.0	213.0	0.0	0.0	0.0	213.0
MEAN NO./ SQ. METER ^{2/}	0.0	3.1	3.1	0.0	0.0	0.0	3.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	750.0	750.0	0.0	0.0	0.0	750.0
STANDARD DEVIATIONS / SQ. METER	0.0	41.1	41.1	0.0	0.0	0.0	41.1

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 349 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1966 DISTRICT 105 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	621.0	621.0	828.0	1.0	829.0	1450.0
MEAN NO./ SQ. METER ^{2/}	0.0	18.3	18.3	24.4	0.0	24.4	42.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	835.0	835.0	1050.0	5.0	1050.0	1050.0
STANDARD DEVIATIONS / SQ. METER	0.0	96.5	96.5	113.9	0.4	114.0	151.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 170 FOR THIS SUMMARY.

R03-11Z-0002

A L A S K A D E P A R T M E N T O F F I S H A N D G A M E
D I V I S I O N O F C O M M E R C I A L F I S H E R I E S

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1966 D I S T R I C T 106 S U M M A R Y S T A T I S T I C S

	P I N K S A L M O N D A T A						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	17.0	1016.0	1033.0	5.0	2.0	7.0	1040.0
MEAN NO./ SQ. METER ^{2/}	0.3	18.8	19.1	0.1	0.0	0.1	19.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	60.0	1225.0	1225.0	10.0	10.0	10.0	1235.0
STANDARD DEVIATIONS / SQ. METER	4.0	110.7	110.8	0.9	0.6	1.1	111.3

	C H U M S A L M O N D A T A						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 270 FOR THIS SUMMARY.

R03-11Z-0002

A L A S K A D E P A R T M E N T O F F I S H A N D G A M E
D I V I S I O N O F C O M M E R C I A L F I S H E R I E S

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1966 D I S T R I C T 107 S U M M A R Y S T A T I S T I C S

	P I N K S A L M O N D A T A						A L L P I N K S A L M O N
	L I V E E G G S	L I V E F R Y	L I V E T O T A L	D E A D E G G S	D E A D F R Y	D E A D T O T A L	
DISTRICT TOTALS ^{1/}	0.0	2853.0	2853.0	355.0	16.0	371.0	3224.0
MEAN NO./ SQ. METER ^{2/}	0.0	47.5	47.5	5.9	0.3	6.2	53.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1455.0	1455.0	750.0	50.0	750.0	1515.0
STANDARD DEVIATIONS / SQ. METER	0.0	166.3	166.3	45.9	3.1	46.0	178.9

	C H U M S A L M O N D A T A						A L L C H U M S A L M O N
	L I V E E G G S	L I V E F R Y	L I V E T O T A L	D E A D E G G S	D E A D F R Y	D E A D T O T A L	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 300 FOR THIS SUMMARY.

R04-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1966 DISTRICTS 101-108 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	159.0	16875.0	17034.0	6071.0	859.0	6930.0	23964.0
MEAN NO./ SQ. METER ^{2/}	0.5	51.4	51.9	18.5	2.6	21.1	73.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	150.0	2700.0	2700.0	1500.0	600.0	1500.0	3020.0
STANDARD DEVIATIONS / SQ. METER	5.8	216.6	217.1	93.0	27.3	97.3	249.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	0.0	215.0	215.0	0.0	0.0	0.0	215.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.7	0.7	0.0	0.0	0.0	0.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	750.0	750.0	0.0	0.0	0.0	750.0
STANDARD DEVIATIONS / SQ. METER	0.0	19.0	19.0	0.0	0.0	0.0	19.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 1641 FOR THIS SUMMARY.

RD3-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1966 DISTRICT 109 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1899.0	1899.0	1711.0	0.0	1711.0	3610.0
MEAN NO./ SQ. METER ^{2/}	0.0	105.5	105.5	95.1	0.0	95.1	200.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2065.0	2065.0	1000.0	0.0	1000.0	2075.0
STANDARD DEVIATIONS / SQ. METER	0.0	333.3	333.3	232.4	0.0	232.4	413.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 90 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1966 DISTRICT 110 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	2325.0	2325.0	691.0	26.0	717.0	3042.0
MEAN NO./ SQ. METER ^{2/}	0.0	107.6	107.6	32.0	1.2	33.2	140.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2430.0	2430.0	1000.0	70.0	1000.0	2430.0
STANDARD DEVIATIONS / SQ. METER	0.0	351.4	351.4	129.6	7.2	130.5	383.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	25.0	25.0	0.0	0.0	0.0	25.0
MEAN NO./ SQ. METER ^{2/}	0.0	1.2	1.2	0.0	0.0	0.0	1.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	110.0	110.0	0.0	0.0	0.0	110.0
STANDARD DEVIATIONS / SQ. METER	0.0	10.6	10.6	0.0	0.0	0.0	10.6

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 108 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1966 DISTRICT 111 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	522.0	522.0	129.0	12.0	141.0	663.0
MEAN NO./ SQ. METER ^{2/}	0.0	65.3	65.3	16.1	1.5	17.6	82.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	955.0	955.0	250.0	60.0	250.0	1055.0
STANDARD DEVIATIONS / SQ. METER	0.0	192.7	192.7	46.1	9.5	49.7	215.1

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.

(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 40 FOR THIS SUMMARY.

R03-112-0002

A L A S K A D E P A R T M E N T O F F I S H A N D G A M E
D I V I S I O N O F C O M M E R C I A L F I S H E R I E S

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1966 D I S T R I C T 112 S U M M A R Y S T A T I S T I C S

	P I N K S A L M O N D A T A						A L L P I N K S A L M O N
	L I V E E G G S	L I V E F R Y	L I V E T O T A L	D E A D E G G S	D E A D F R Y	D E A D T O T A L	
DISTRICT TOTALS ^{1/}	0.0	5913.0	5913.0	2557.0	765.0	3322.0	9235.0
MEAN NO./ SQ. METER ^{2/}	0.0	132.0	132.0	57.1	17.1	74.2	206.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	3235.0	3235.0	1750.0	1500.0	2110.0	4365.0
STANDARD DEVIATIONS / SQ. METER	0.0	415.9	415.9	224.4	126.2	301.3	631.0

	C H U M S A L M O N D A T A						A L L C H U M S A L M O N
	L I V E E G G S	L I V E F R Y	L I V E T O T A L	D E A D E G G S	D E A D F R Y	D E A D T O T A L	
DISTRICT TOTALS ^{1/}	0.0	310.0	310.0	0.0	0.0	0.0	310.0
MEAN NO./ SQ. METER ^{2/}	0.0	6.9	6.9	0.0	0.0	0.0	6.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	690.0	690.0	0.0	0.0	0.0	690.0
STANDARD DEVIATIONS / SQ. METER	0.0	56.5	56.5	0.0	0.0	0.0	56.5

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 224 FOR THIS SUMMARY.

R03-11Z-0002

A L A S K A D E P A R T M E N T O F F I S H A N D G A M E
D I V I S I O N O F C O M M E R C I A L F I S H E R I E S

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1966 D I S T R I C T 113 S U M M A R Y S T A T I S T I C S

	P I N K S A L M O N D A T A						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	87.0	3378.0	3465.0	3014.0	167.0	3181.0	6646.0
MEAN NO./ SQ. METER ^{2/}	1.3	52.1	53.5	46.5	2.6	49.1	102.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	230.0	1620.0	1620.0	3100.0	360.0	3100.0	3100.0
STANDARD DEVIATIONS / SQ. METER	14.3	190.9	191.1	245.4	26.7	248.4	305.7

	C H U M S A L M O N D A T A						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	64.0	64.0	100.0	0.0	100.0	164.0
MEAN NO./ SQ. METER ^{2/}	0.0	1.0	1.0	1.5	0.0	1.5	2.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	150.0	150.0	500.0	0.0	500.0	505.0
STANDARD DEVIATIONS / SQ. METER	0.0	9.8	9.8	27.8	0.0	27.8	29.7

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 324 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1966 DISTRICT 114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	54.0	8905.0	8959.0	826.0	583.0	1409.0	10368.0
MEAN NO./ SQ. METER ^{2/}	1.1	187.1	188.2	17.4	12.2	29.6	217.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	50.0	2930.0	2930.0	500.0	1015.0	1015.0	2970.0
STANDARD DEVIATIONS / SQ. METER	5.6	474.6	475.5	53.5	82.5	96.8	492.8

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	138.0	138.0	0.0	47.0	47.0	185.0
MEAN NO./ SQ. METER ^{2/}	0.0	2.9	2.9	0.0	1.0	1.0	3.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	460.0	460.0	0.0	205.0	205.0	460.0
STANDARD DEVIATIONS / SQ. METER	0.0	32.0	32.0	0.0	13.4	13.4	34.7

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 238 FOR THIS SUMMARY.

R05-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1966 DISTRICTS 109-114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	141.0	22942.0	23083.0	8928.0	1553.0	10481.0	33564.0
MEAN NO./ SQ. METER ^{2/}	0.7	112.0	112.7	43.6	7.6	51.2	163.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	230.0	3235.0	3235.0	3100.0	1500.0	3100.0	4365.0
STANDARD DEVIATIONS / SQ. METER	8.5	357.8	358.1	194.1	73.0	220.2	455.2
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	0.0	537.0	537.0	100.0	47.0	147.0	684.0
MEAN NO./ SQ. METER ^{2/}	0.0	2.6	2.6	0.5	0.2	0.7	3.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	690.0	690.0	500.0	205.0	500.0	690.0
STANDARD DEVIATIONS / SQ. METER	0.0	31.3	31.3	15.6	6.4	16.9	35.6

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X ⁵₅.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 1024 FOR THIS SUMMARY.

R06-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1966 SOUTHEASTERN ALASKA SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	300.0	39817.0	40117.0	14999.0	2412.0	17411.0	57528.0
MEAN NO./ SQ. METER ^{2/}	0.6	74.7	75.3	28.1	4.5	32.7	107.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	230.0	3235.0	3235.0	3100.0	1500.0	3100.0	4365.0
STANDARD DEVIATIONS / SQ. METER	6.9	280.9	281.3	141.2	50.1	157.0	346.0
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	0.0	752.0	752.0	100.0	47.0	147.0	899.0
MEAN NO./ SQ. METER ^{2/}	0.0	1.4	1.4	0.2	0.1	0.3	1.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	750.0	750.0	500.0	205.0	500.0	750.0
STANDARD DEVIATIONS / SQ. METER	0.0	24.5	24.5	9.7	4.0	10.5	26.7

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 2665 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1967 DISTRICT 101 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	31.0	9106.0	9137.0	9014.0	891.0	9905.0	19042.0
MEAN NO./ SQ. METER ^{2/}	0.3	88.4	88.7	87.5	8.7	96.2	184.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	40.0	2555.0	2555.0	1450.0	600.0	1455.0	2580.0
STANDARD DEVIATIONS / SQ. METER	2.4	236.9	237.1	196.4	38.8	202.7	324.8

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	233.0	233.0	22.0	5.0	27.0	260.0
MEAN NO./ SQ. METER ^{2/}	0.0	2.3	2.3	0.2	0.0	0.3	2.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	735.0	735.0	50.0	25.0	60.0	735.0
STANDARD DEVIATIONS / SQ. METER	0.0	34.8	34.8	2.9	1.1	3.6	36.3

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 515 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1967 DISTRICT 102 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	3545.0	3545.0	2693.0	796.0	3489.0	7034.0
MEAN NO./ SQ. METER ^{2/}	0.0	88.6	88.6	67.3	19.9	87.2	175.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1635.0	1635.0	1230.0	710.0	1230.0	1665.0
STANDARD DEVIATIONS / SQ. METER	0.0	216.9	216.9	154.2	80.2	183.4	294.1

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 200 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1967 DISTRICT 103 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	6343.0	25667.0	32010.0	21565.0	2279.0	23844.0	55854.0
MEAN NO./ SQ. METER ^{2/}	48.8	197.4	246.2	165.9	17.5	183.4	429.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	4200.0	3360.0	4210.0	3620.0	900.0	3620.0	4635.0
STANDARD DEVIATIONS / SQ. METER	239.1	400.9	510.8	344.8	63.8	360.4	649.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	515.0	283.0	798.0	0.0	0.0	0.0	798.0
MEAN NO./ SQ. METER ^{2/}	4.0	2.2	6.1	0.0	0.0	0.0	6.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	500.0	1000.0	1060.0	0.0	0.0	0.0	1060.0
STANDARD DEVIATIONS / SQ. METER	32.0	42.2	54.6	0.0	0.0	0.0	54.6

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 650 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1967 DISTRICT 105 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	6.0	1767.0	1773.0	608.0	74.0	682.0	2455.0
MEAN NO./ SQ. METER ^{2/}	0.2	64.5	64.7	22.2	2.7	24.9	89.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	1500.0	1500.0	750.0	200.0	750.0	1530.0
STANDARD DEVIATIONS / SQ. METER	1.0	193.2	193.3	85.9	17.6	94.0	228.9

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	205.0	459.0	664.0	15.0	6.0	21.0	685.0
MEAN NO./ SQ. METER ^{2/}	7.5	16.8	24.2	0.5	0.2	0.8	25.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	675.0	1235.0	1420.0	30.0	30.0	30.0	1420.0
STANDARD DEVIATIONS / SQ. METER	60.0	120.8	158.9	3.3	2.6	4.2	160.3

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 137 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

APPENDIX A

1967 DISTRICT 106 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	753.0	7725.0	8478.0	4006.0	963.0	4969.0	13447.0
MEAN NO./ SQ. METER ^{2/}	15.4	157.7	173.0	81.8	19.7	101.4	274.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	545.0	3120.0	3120.0	2195.0	2400.0	2590.0	3195.0
STANDARD DEVIATIONS / SQ. METER	56.7	333.4	338.5	227.1	157.0	285.9	441.5

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 245 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1967 DISTRICT 107 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	14474.0	14474.0	2972.0	1651.0	4623.0	19097.0
MEAN NO./ SQ. METER ^{2/}	0.0	206.8	206.8	42.5	23.6	66.0	272.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2550.0	2550.0	800.0	850.0	900.0	2870.0
STANDARD DEVIATIONS / SQ. METER	0.0	408.3	408.3	112.1	90.4	144.3	471.4

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	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	50.0	50.0	0.0	0.0	0.0	50.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.7	0.7	0.0	0.0	0.0	0.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	105.0	105.0	0.0	0.0	0.0	105.0
STANDARD DEVIATIONS / SQ. METER	0.0	7.8	7.8	0.0	0.0	0.0	7.8

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 350 FOR THIS SUMMARY.

R04-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1967 DISTRICTS 101-108 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	7133.0	62284.0	69417.0	40858.0	6654.0	47512.0	116929.0
MEAN NO./ SQ. METER ^{2/}	17.0	148.5	165.5	97.4	15.9	113.3	278.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	4200.0	3360.0	4210.0	3620.0	2400.0	3620.0	4635.0
STANDARD DEVIATIONS / SQ. METER	136.2	337.8	384.1	244.1	80.8	263.8	490.2

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	720.0	1025.0	1745.0	37.0	11.0	48.0	1793.0
MEAN NO./ SQ. METER ^{2/}	1.7	2.4	4.2	0.1	0.0	0.1	4.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	675.0	1235.0	1420.0	50.0	30.0	60.0	1420.0
STANDARD DEVIATIONS / SQ. METER	23.6	42.7	53.9	1.7	0.9	2.1	54.4

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 2097 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1967 DISTRICT 109 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	3.0	5361.0	5364.0	1135.0	62.0	1197.0	6561.0
MEAN NO./ SQ. METER ^{2/}	0.1	134.7	134.8	28.5	1.6	30.1	164.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	15.0	1790.0	1790.0	2000.0	60.0	2000.0	2185.0
STANDARD DEVIATIONS / SQ. METER	1.1	293.0	293.0	150.3	6.7	150.4	333.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 199 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1967 DISTRICT 110 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	3.0	7854.0	7857.0	254.0	108.0	362.0	8219.0
MEAN NO./ SQ. METER ^{2/}	0.1	176.1	176.2	5.7	2.4	8.1	184.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	15.0	4550.0	4550.0	505.0	125.0	505.0	4550.0
STANDARD DEVIATIONS / SQ. METER	1.0	541.4	541.3	38.5	12.3	40.1	543.9

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	2110.0	2110.0	51.0	83.0	134.0	2244.0
MEAN NO./ SQ. METER ^{2/}	0.0	47.3	47.3	1.1	1.9	3.0	50.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	3135.0	3135.0	155.0	200.0	355.0	3490.0
STANDARD DEVIATIONS / SQ. METER	0.0	261.9	261.9	11.1	15.6	25.3	282.5

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 223 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1967 DISTRICT 111 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	4836.0	4836.0	2176.0	733.0	2909.0	7745.0
MEAN NO./ SQ. METER ^{2/}	0.0	151.1	151.1	68.0	22.9	90.9	242.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2375.0	2375.0	1670.0	800.0	1670.0	2375.0
STANDARD DEVIATIONS / SQ. METER	0.0	355.6	355.6	213.1	86.6	230.9	433.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	2.0	2.0	0.0	0.0	0.0	2.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.1	0.1	0.0	0.0	0.0	0.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	5.0	5.0	0.0	0.0	0.0	5.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.6	0.6	0.0	0.0	0.0	0.6

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 160 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1967 DISTRICT 112 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	865.0	14584.0	15449.0	3588.0	764.0	4352.0	19801.0
MEAN NO./ SQ. METER ^{2/}	10.2	172.0	182.2	42.3	9.0	51.3	233.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	1050.0	2590.0	2590.0	1230.0	650.0	1310.0	2640.0
STANDARD DEVIATIONS / SQ. METER	76.2	379.8	401.6	161.1	42.1	171.4	462.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	69.0	1042.0	1111.0	151.0	0.0	151.0	1262.0
MEAN NO./ SQ. METER ^{2/}	0.8	12.3	13.1	1.8	0.0	1.8	14.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	340.0	915.0	915.0	455.0	0.0	455.0	1370.0
STANDARD DEVIATIONS / SQ. METER	16.5	80.7	86.6	26.3	0.0	26.3	100.7

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 424 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1967 DISTRICT 113 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	16.0	12519.0	12535.0	4425.0	27.0	4452.0	16987.0
MEAN NO./ SQ. METER ^{2/}	0.1	113.8	114.0	40.2	0.2	40.5	154.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	25.0	3135.0	3135.0	2150.0	35.0	2150.0	3155.0
STANDARD DEVIATIONS / SQ. METER	1.5	347.1	347.1	148.9	2.2	148.9	376.1

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	2089.0	2089.0	234.0	2.0	236.0	2325.0
MEAN NO./ SQ. METER ^{2/}	0.0	19.0	19.0	2.1	0.0	2.1	21.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1950.0	1950.0	575.0	5.0	575.0	1950.0
STANDARD DEVIATIONS / SQ. METER	0.0	133.8	133.8	27.4	0.3	27.4	136.4

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 550 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1967 DISTRICT 114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	4.0	4014.0	4018.0	1143.0	136.0	1279.0	5297.0
MEAN NO./ SQ. METER ^{2/}	0.1	100.3	100.4	28.6	3.4	32.0	132.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	20.0	1590.0	1590.0	820.0	365.0	835.0	1710.0
STANDARD DEVIATIONS / SQ. METER	1.4	263.1	263.0	91.2	26.4	96.4	285.8

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	18.0	525.0	543.0	341.0	0.0	341.0	884.0
MEAN NO./ SQ. METER ^{2/}	0.4	13.1	13.6	8.5	0.0	8.5	22.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	65.0	880.0	880.0	885.0	0.0	885.0	910.0
STANDARD DEVIATIONS / SQ. METER	4.9	87.1	87.2	75.6	0.0	75.6	116.8

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 200 FOR THIS SUMMARY.

R05-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1967 DISTRICTS 109-114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	891.0	49168.0	50059.0	12721.0	1830.0	14551.0	64610.0
MEAN NO./ SQ. METER ^{2/}	2.5	140.0	142.5	36.2	5.2	41.4	184.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	1050.0	4550.0	4550.0	2150.0	800.0	2150.0	4550.0
STANDARD DEVIATIONS / SQ. METER	37.7	373.3	379.0	145.7	35.4	151.9	416.5
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	87.0	5768.0	5855.0	777.0	85.0	862.0	6717.0
MEAN NO./ SQ. METER ^{2/}	0.2	16.4	16.7	2.2	0.2	2.5	19.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	340.0	3135.0	3135.0	885.0	200.0	885.0	3490.0
STANDARD DEVIATIONS / SQ. METER	8.3	130.0	130.9	32.7	5.6	33.7	141.8

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 1756 FOR THIS SUMMARY.

R06-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1967 SOUTHEASTERN ALASKA SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	8024.0	111452.0	119476.0	53579.0	8484.0	62063.0	181539.0
MEAN NO./ SQ. METER ^{2/}	10.4	144.6	155.0	69.5	11.0	80.5	235.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	4200.0	4550.0	4550.0	3620.0	2400.0	3620.0	4635.0
STANDARD DEVIATIONS / SQ. METER	103.9	354.4	381.9	207.4	64.4	222.9	460.4
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	807.0	6793.0	7600.0	814.0	96.0	910.0	8510.0
MEAN NO./ SQ. METER ^{2/}	1.0	8.8	9.9	1.1	0.1	1.2	11.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	675.0	3135.0	3135.0	885.0	200.0	885.0	3490.0
STANDARD DEVIATIONS / SQ. METER	18.3	93.5	97.1	22.1	3.8	22.8	104.1

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DTGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 3853 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1968 DISTRICT 101 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	18.0	10887.0	10905.0	3535.0	317.0	3852.0	14757.0
MEAN NO./ SQ. METER ^{2/}	0.1	54.5	54.6	17.7	1.6	19.3	73.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	90.0	2225.0	2225.0	1810.0	395.0	1810.0	2285.0
STANDARD DEVIATIONS / SQ. METER	2.8	193.8	194.0	91.9	15.0	94.1	221.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	38.0	2946.0	2984.0	875.0	35.0	910.0	3894.0
MEAN NO./ SQ. METER ^{2/}	0.2	14.8	14.9	4.4	0.2	4.6	19.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	190.0	1520.0	1520.0	885.0	55.0	885.0	1605.0
STANDARD DEVIATIONS / SQ. METER	6.0	109.3	110.1	43.9	2.5	44.0	121.4

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 998 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

APPENDIX A

1968 DISTRICT 102 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	77.0	4005.0	4082.0	784.0	227.0	1011.0	5093.0
MEAN NO./ SQ. METER ^{2/}	1.2	60.9	62.0	11.9	3.4	15.4	77.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	130.0	2845.0	2845.0	620.0	195.0	620.0	2845.0
STANDARD DEVIATIONS / SQ. METER	10.0	263.8	265.0	58.7	20.6	66.7	290.7

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	806.0	806.0	36.0	9.0	45.0	851.0
MEAN NO./ SQ. METER ^{2/}	0.0	12.2	12.2	0.5	0.1	0.7	12.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2455.0	2455.0	140.0	40.0	140.0	2455.0
STANDARD DEVIATIONS / SQ. METER	0.0	146.1	146.1	7.9	2.2	8.2	147.1

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 329 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1968 DISTRICT 103 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	27.0	14418.0	14445.0	6641.0	1433.0	8074.0	22519.0
MEAN NO./ SQ. METER ^{2/}	0.2	92.5	92.7	42.6	9.2	51.8	144.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	115.0	2625.0	2625.0	1500.0	900.0	2400.0	3575.0
STANDARD DEVIATIONS / SQ. METER	4.1	289.9	289.9	148.3	50.8	170.6	372.7

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	881.0	881.0	1383.0	50.0	1433.0	2314.0
MEAN NO./ SQ. METER ^{2/}	0.0	5.7	5.7	8.9	0.3	9.2	14.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1075.0	1075.0	1700.0	150.0	1700.0	1700.0
STANDARD DEVIATIONS / SQ. METER	0.0	57.4	57.4	94.4	5.8	94.8	115.4

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 779 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

APPENDIX A

1968 DISTRICT 105 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	2.0	5046.0	5048.0	823.0	31.0	854.0	5902.0
MEAN NO./ SQ. METER ^{2/}	0.0	80.9	80.9	13.2	0.5	13.7	94.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	10.0	2740.0	2740.0	900.0	50.0	900.0	2755.0
STANDARD DEVIATIONS / SQ. METER	0.6	278.9	278.9	78.5	3.8	78.8	288.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1.0	1.0	0.0	0.0	0.0	1.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	5.0	5.0	0.0	0.0	0.0	5.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.3	0.3	0.0	0.0	0.0	0.3

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 312 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1968 DISTRICT 106 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	51.0	5666.0	5717.0	1944.0	320.0	2264.0	7981.0
MEAN NO./ SQ. METER ^{2/}	0.7	76.2	76.8	26.1	4.3	30.4	107.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	255.0	1375.0	1375.0	650.0	175.0	650.0	1495.0
STANDARD DEVIATIONS / SQ. METER	13.2	198.8	199.0	82.1	16.1	86.4	241.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	23.0	853.0	876.0	13.0	0.0	13.0	889.0
MEAN NO./ SQ. METER ^{2/}	0.3	11.5	11.8	0.2	0.0	0.2	11.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	45.0	1255.0	1255.0	45.0	0.0	45.0	1255.0
STANDARD DEVIATIONS / SQ. METER	3.2	96.6	96.7	2.6	0.0	2.6	96.7

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 372 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1968 DISTRICT 107 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	109.0	9025.0	9134.0	1563.0	718.0	2281.0	11415.0
MEAN NO./ SQ. METER ^{2/}	1.6	132.3	133.9	22.9	10.5	33.4	167.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	220.0	1535.0	1535.0	565.0	695.0	770.0	1565.0
STANDARD DEVIATIONS / SQ. METER	15.8	268.6	268.8	61.4	52.1	84.3	298.7

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 341 FOR THIS SUMMARY.

R04-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1968 DISTRICTS 101-108 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	284.0	49047.0	49331.0	15290.0	3046.0	18336.0	67667.0
MEAN NO./ SQ. METER ^{2/}	0.5	78.3	78.8	24.4	4.9	29.3	108.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	255.0	2845.0	2845.0	1810.0	900.0	2400.0	3575.0
STANDARD DEVIATIONS / SQ. METER	8.1	247.0	247.2	102.3	33.1	114.0	291.6
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	61.0	5487.0	5548.0	2307.0	94.0	2401.0	7949.0
MEAN NO./ SQ. METER ^{2/}	0.1	8.8	8.9	3.7	0.2	3.8	12.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	190.0	2455.0	2455.0	1700.0	150.0	1700.0	2455.0
STANDARD DEVIATIONS / SQ. METER	3.6	89.4	89.8	53.4	3.3	53.6	106.9

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 3131 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1968 DISTRICT 109 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	11.0	6971.0	6982.0	322.0	220.0	542.0	7524.0
MEAN NO./ SQ. METER ^{2/}	0.1	90.8	90.9	4.2	2.9	7.1	98.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	55.0	1895.0	1895.0	220.0	150.0	230.0	1920.0
STANDARD DEVIATIONS / SQ. METER	2.8	261.4	261.6	22.9	13.7	28.6	275.6

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1341.0	1341.0	108.0	4.0	112.0	1453.0
MEAN NO./ SQ. METER ^{2/}	0.0	17.5	17.5	1.4	0.1	1.5	18.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1955.0	1955.0	355.0	15.0	355.0	1955.0
STANDARD DEVIATIONS / SQ. METER	0.0	132.9	132.9	19.1	0.8	19.1	134.8

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X ⁵.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 384 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1968 DISTRICT 110 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	1.0	4455.0	4456.0	494.0	200.0	694.0	5150.0
MEAN NO./ SQ. METER ^{2/}	0.0	40.7	40.7	4.5	1.8	6.3	47.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	2005.0	2005.0	875.0	615.0	875.0	2015.0
STANDARD DEVIATIONS / SQ. METER	0.2	181.3	181.3	42.4	26.6	50.9	189.1

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	486.0	486.0	227.0	0.0	227.0	713.0
MEAN NO./ SQ. METER ^{2/}	0.0	4.4	4.4	2.1	0.0	2.1	6.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	705.0	705.0	650.0	0.0	650.0	705.0
STANDARD DEVIATIONS / SQ. METER	0.0	37.9	37.9	30.6	0.0	30.6	48.6

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 547 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1968 DISTRICT 111 SUMMARY STATISTICS

	PINK SALMON DATA					ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	3078.0	3078.0	423.0	189.0	612.0
MEAN NO./ SQ. METER ^{2/}	0.0	31.7	31.7	4.4	1.9	6.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1400.0	1400.0	875.0	250.0	875.0
STANDARD DEVIATIONS / SQ. METER	0.0	147.6	147.6	44.3	16.2	47.8

	CHUM SALMON DATA					ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	1800.0	1800.0	101.0	177.0	278.0
MEAN NO./ SQ. METER ^{2/}	0.0	18.5	18.5	1.0	1.8	2.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1675.0	1675.0	250.0	250.0	500.0
STANDARD DEVIATIONS / SQ. METER	0.0	114.7	114.7	14.0	19.0	30.1

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 486 FOR THIS SUMMARY.

RD3-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1968 DISTRICT 112 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	1.0	7464.0	7465.0	1782.0	186.0	1968.0	9433.0
MEAN NO./ SQ. METER ^{2/}	0.0	46.5	46.5	11.1	1.2	12.3	58.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	1610.0	1610.0	1050.0	175.0	1050.0	1820.0
STANDARD DEVIATIONS / SQ. METER	0.2	174.6	174.6	75.7	8.3	77.6	199.5

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1211.0	1211.0	16.0	20.0	36.0	1247.0
MEAN NO./ SQ. METER ^{2/}	0.0	7.5	7.5	0.1	0.1	0.2	7.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1760.0	1760.0	30.0	70.0	70.0	1760.0
STANDARD DEVIATIONS / SQ. METER	0.0	76.5	76.5	1.5	2.5	2.9	77.1

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 802 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1968 DISTRICT 113 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	179.0	15181.0	15360.0	2718.0	73.0	2791.0	18151.0
MEAN NO./ SQ. METER ^{2/}	0.9	75.7	76.6	13.5	0.4	13.9	90.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	875.0	2105.0	2105.0	1500.0	135.0	1500.0	2310.0
STANDARD DEVIATIONS / SQ. METER	27.6	265.0	267.9	78.3	5.4	78.4	287.8

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1761.0	1761.0	78.0	48.0	126.0	1887.0
MEAN NO./ SQ. METER ^{2/}	0.0	8.8	8.8	0.4	0.2	0.6	9.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1620.0	1620.0	200.0	200.0	200.0	1620.0
STANDARD DEVIATIONS / SQ. METER	0.0	73.0	73.0	7.9	6.4	10.2	74.0

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 1003 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1968 DISTRICT 114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	6.0	5959.0	5965.0	3665.0	527.0	4192.0	10157.0
MEAN NO./ SQ. METER ^{2/}	0.1	58.0	58.0	35.7	5.1	40.8	98.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	30.0	2710.0	2710.0	3175.0	1250.0	3175.0	3175.0
STANDARD DEVIATIONS / SQ. METER	1.3	219.2	219.5	185.1	57.4	203.2	313.4

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	278.0	278.0	0.0	7.0	7.0	285.0
MEAN NO./ SQ. METER ^{2/}	0.0	2.7	2.7	0.0	0.1	0.1	2.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1035.0	1035.0	0.0	20.0	20.0	1055.0
STANDARD DEVIATIONS / SQ. METER	0.0	48.0	48.0	0.0	1.1	1.1	49.1

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 514 FOR THIS SUMMARY.

R05-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1968 DISTRICTS 109-114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	198.0	43108.0	43306.0	9404.0	1395.0	10799.0	54105.0
MEAN NO./ SQ. METER ^{2/}	0.3	57.7	58.0	12.6	1.9	14.5	72.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	875.0	2710.0	2710.0	3175.0	1250.0	3175.0	3175.0
STANDARD DEVIATIONS / SQ. METER	14.4	216.7	217.8	90.8	25.2	97.4	247.1

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	0.0	6877.0	6877.0	530.0	256.0	786.0	7663.0
MEAN NO./ SQ. METER ^{2/}	0.0	9.2	9.2	0.7	0.3	1.1	10.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1955.0	1955.0	650.0	250.0	650.0	1955.0
STANDARD DEVIATIONS / SQ. METER	0.0	82.2	82.2	14.8	7.7	18.0	85.4

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 3736 FOR THIS SUMMARY.

R06-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1968 SOUTHEASTERN ALASKA SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	482.0	92155.0	92637.0	24694.0	4441.0	29135.0	121772.0
MEAN NO./ SQ. METER ^{2/}	0.4	67.1	67.5	18.0	3.2	21.2	88.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	875.0	2845.0	2845.0	3175.0	1250.0	3175.0	3575.0
STANDARD DEVIATIONS / SQ. METER	11.9	231.2	231.9	96.4	29.1	105.6	268.8

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	61.0	12364.0	12425.0	2837.0	350.0	3187.0	15612.0
MEAN NO./ SQ. METER ^{2/}	0.0	9.0	9.0	2.1	0.3	2.3	11.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	190.0	2455.0	2455.0	1700.0	250.0	1700.0	2455.0
STANDARD DEVIATIONS / SQ. METER	2.4	85.6	85.7	37.7	6.1	38.5	95.8

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 6867 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1969 DISTRICT 101 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	757.0	20087.0	20844.0	13455.0	4589.0	18044.0	38888.0
MEAN NO./ SQ. METER ^{2/}	3.7	99.2	103.0	66.5	22.7	89.2	192.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	800.0	2650.0	2900.0	1750.0	1250.0	1775.0	3250.0
STANDARD DEVIATIONS / SQ. METER	35.7	250.1	260.6	141.9	80.4	166.4	322.4

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	659.0	4599.0	5258.0	814.0	159.0	973.0	6231.0
MEAN NO./ SQ. METER ^{2/}	3.3	22.7	26.0	4.0	0.8	4.8	30.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	2150.0	4110.0	4110.0	750.0	200.0	850.0	4165.0
STANDARD DEVIATIONS / SQ. METER	70.8	209.7	221.4	35.7	9.8	39.7	234.3

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 1012 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1969 DISTRICT 102 SUMMARY STATISTICS

	PINK SALMON DATA					ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	15.0	7661.0	7676.0	1156.0	583.0	1739.0
MEAN NO./ SQ. METER ^{2/}	0.2	108.2	108.4	16.3	8.2	24.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	30.0	2710.0	2710.0	475.0	715.0	715.0
STANDARD DEVIATIONS / SQ. METER	2.2	298.7	298.8	63.3	41.8	75.4

	CHUM SALMON DATA					ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	750.0	294.0	1044.0	15.0	10.0	25.0
MEAN NO./ SQ. METER ^{2/}	10.6	4.2	14.7	0.2	0.1	0.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	3360.0	1025.0	3360.0	30.0	50.0	50.0
STANDARD DEVIATIONS / SQ. METER	179.7	56.6	189.3	1.9	2.7	3.2

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 354 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1969 DISTRICT 103 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	151.0	21022.0	21173.0	18531.0	3582.0	22113.0	43286.0
MEAN NO./ SQ. METER ^{2/}	1.1	150.2	151.2	132.4	25.6	157.9	309.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	610.0	2870.0	2870.0	1800.0	755.0	1800.0	2900.0
STANDARD DEVIATIONS / SQ. METER	23.2	324.7	325.1	206.9	67.6	226.5	400.7

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1418.0	1418.0	194.0	308.0	502.0	1920.0
MEAN NO./ SQ. METER ^{2/}	0.0	10.1	10.1	1.4	2.2	3.6	13.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1610.0	1610.0	550.0	1250.0	1250.0	1845.0
STANDARD DEVIATIONS / SQ. METER	0.0	94.5	94.5	23.5	47.7	53.8	121.3

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X ⁵.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 700 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1969 DISTRICT 105 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	19.0	4582.0	4601.0	2292.0	272.0	2564.0	7165.0
MEAN NO./ SQ. METER ^{2/}	0.3	73.0	73.3	36.5	4.3	40.8	114.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	25.0	2635.0	2635.0	1050.0	300.0	1050.0	2670.0
STANDARD DEVIATIONS / SQ. METER	2.6	253.6	253.8	123.2	23.7	124.9	284.5

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X ⁵.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 314 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1969 DISTRICT 106 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	39.0	11709.0	11748.0	7801.0	2673.0	10474.0	22222.0
MEAN NO./ SQ. METER ^{2/}	0.4	127.5	128.0	85.0	29.1	114.1	242.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	125.0	2930.0	3055.0	1750.0	855.0	1980.0	4075.0
STANDARD DEVIATIONS / SQ. METER	6.1	361.7	364.0	236.2	95.6	266.8	482.7

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	14.0	14.0	0.0	0.0	0.0	14.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.2	0.2	0.0	0.0	0.0	0.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	35.0	35.0	0.0	0.0	0.0	35.0
STANDARD DEVIATIONS / SQ. METER	0.0	2.2	2.2	0.0	0.0	0.0	2.2

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 459 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1969 DISTRICT 107 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	9904.0	9904.0	2993.0	2063.0	5056.0	14960.0
MEAN NO./ SQ. METER ^{2/}	0.0	173.1	173.1	52.3	36.1	88.4	261.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1965.0	1965.0	1000.0	510.0	1100.0	2795.0
STANDARD DEVIATIONS / SQ. METER	0.0	342.1	342.1	130.1	89.9	159.9	396.5

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 286 FOR THIS SUMMARY.

R04-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1969 DISTRICTS 101 - 108 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	981.0	74965.0	75946.0	46228.0	13762.0	59990.0	135936.0
MEAN NO./ SQ. METER ^{2/}	1.6	119.9	121.5	74.0	22.0	96.0	217.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	800.0	2930.0	3055.0	1800.0	1250.0	1980.0	4075.0
STANDARD DEVIATIONS / SQ. METER	23.3	301.8	305.1	170.7	74.4	192.9	376.6
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	1409.0	6325.0	7734.0	1023.0	477.0	1500.0	9234.0
MEAN NO./ SQ. METER ^{2/}	2.3	10.1	12.4	1.6	0.8	2.4	14.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	3360.0	4110.0	4110.0	750.0	1250.0	1250.0	4165.0
STANDARD DEVIATIONS / SQ. METER	72.7	129.1	148.4	23.2	23.3	34.1	159.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X ⁵.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 3125 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1969 DISTRICT 109 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	230.0	9575.0	9805.0	4628.0	1536.0	6164.0	15969.0
MEAN NO./ SQ. METER ^{2/}	3.2	134.1	137.3	64.8	21.5	86.3	223.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	575.0	1940.0	1940.0	1450.0	875.0	1450.0	2000.0
STANDARD DEVIATIONS / SQ. METER	33.2	326.1	326.7	156.1	93.5	181.1	373.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	4.0	4.0	16.0	0.0	16.0	20.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.1	0.1	0.2	0.0	0.2	0.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	10.0	10.0	80.0	0.0	80.0	80.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.6	0.6	4.2	0.0	4.2	4.3

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 357 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1969 DISTRICT 110 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	11247.0	11247.0	2390.0	2314.0	4704.0	15951.0
MEAN NO./ SQ. METER ^{2/}	0.0	176.8	176.8	37.6	36.4	74.0	250.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2940.0	2940.0	1165.0	1130.0	1195.0	2940.0
STANDARD DEVIATIONS / SQ. METER	0.0	394.4	394.4	119.5	126.0	180.0	423.4

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	225.0	225.0	0.0	0.0	0.0	225.0
MEAN NO./ SQ. METER ^{2/}	0.0	3.5	3.5	0.0	0.0	0.0	3.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	875.0	875.0	0.0	0.0	0.0	875.0
STANDARD DEVIATIONS / SQ. METER	0.0	50.3	50.3	0.0	0.0	0.0	50.3

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 318 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1969 DISTRICT III SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	1.0	10905.0	10906.0	4749.0	3522.0	8271.0	19177.0
MEAN NO./ SQ. METER ^{2/}	0.0	114.8	114.8	50.0	37.1	87.1	201.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	3265.0	3265.0	1125.0	1250.0	1400.0	3265.0
STANDARD DEVIATIONS / SQ. METER	0.2	346.2	346.2	142.7	128.9	204.8	405.9

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1671.0	1671.0	0.0	31.0	31.0	1702.0
MEAN NO./ SQ. METER ^{2/}	0.0	17.6	17.6	0.0	0.3	0.3	17.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2535.0	2535.0	0.0	110.0	110.0	2540.0
STANDARD DEVIATIONS / SQ. METER	0.0	145.3	145.3	0.0	5.4	5.4	145.7

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 475 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1969 DISTRICT 112 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	19.0	23059.0	23078.0	8047.0	2635.0	10682.0	33760.0
MEAN NO./ SQ. METER ^{2/}	0.1	139.8	139.9	48.8	16.0	64.7	204.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	65.0	4400.0	4400.0	1430.0	1500.0	2395.0	4430.0
STANDARD DEVIATIONS / SQ. METER	2.3	400.1	400.1	154.7	105.1	206.0	473.7

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	3619.0	3619.0	507.0	72.0	579.0	4198.0
MEAN NO./ SQ. METER ^{2/}	0.0	21.9	21.9	3.1	0.4	3.5	25.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2185.0	2185.0	750.0	75.0	750.0	2185.0
STANDARD DEVIATIONS / SQ. METER	0.0	153.5	153.5	39.8	4.7	40.0	166.3

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 825 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1969 DISTRICT 113 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	381.0	13406.0	13787.0	4854.0	23.0	4877.0	18664.0
MEAN NO./ SQ. METER ^{2/}	1.9	65.3	67.2	23.7	0.1	23.8	91.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	650.0	2150.0	2150.0	975.0	55.0	975.0	2195.0
STANDARD DEVIATIONS / SQ. METER	25.7	231.4	233.5	100.8	1.9	100.8	262.1

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	923.0	923.0	197.0	6.0	203.0	1126.0
MEAN NO./ SQ. METER ^{2/}	0.0	4.5	4.5	1.0	0.0	1.0	5.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2855.0	2855.0	880.0	25.0	880.0	2855.0
STANDARD DEVIATIONS / SQ. METER	0.0	91.4	91.4	27.7	0.8	27.8	95.5

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 1026 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1969 DISTRICT 114 SUMMARY STATISTICS

	PINK SALMON DATA					ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	7390.0	7390.0	1570.0	184.0	1754.0
MEAN NO./ SQ. METER ^{2/}	0.0	82.7	82.7	17.6	2.1	19.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2280.0	2280.0	805.0	110.0	820.0
STANDARD DEVIATIONS / SQ. METER	0.0	284.5	284.5	73.6	9.9	74.9

	CHUM SALMON DATA					ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	1005.0	1005.0	197.0	20.0	217.0
MEAN NO./ SQ. METER ^{2/}	0.0	11.2	11.2	2.2	0.2	2.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1510.0	1510.0	870.0	30.0	875.0
STANDARD DEVIATIONS / SQ. METER	0.0	90.5	90.5	41.4	2.3	41.8

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 447 FOR THIS SUMMARY.

R05-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1969 DISTRICTS 109-114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	631.0	75582.0	76213.0	26238.0	10214.0	36452.0	112665.0
MEAN NO./ SQ. METER ^{2/}	0.9	109.6	110.5	38.0	14.8	52.9	163.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	650.0	4400.0	4400.0	1450.0	1500.0	2395.0	4430.0
STANDARD DEVIATIONS / SQ. METER	17.7	328.3	328.8	127.7	86.6	163.6	378.7
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	0.0	7447.0	7447.0	917.0	129.0	1046.0	8493.0
MEAN NO./ SQ. METER ^{2/}	0.0	10.8	10.8	1.3	0.2	1.5	12.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2855.0	2855.0	880.0	110.0	880.0	2855.0
STANDARD DEVIATIONS / SQ. METER	0.0	111.2	111.2	28.8	3.2	29.1	117.7

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 3448 FOR THIS SUMMARY.

R06-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1969 SOUTHEASTERN ALASKA SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	1612.0	150547.0	152159.0	72466.0	23976.0	96442.0	248601.0
MEAN NO./ SQ. METER ^{2/}	1.2	114.5	115.7	55.1	18.2	73.4	189.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	800.0	4400.0	4400.0	1800.0	1500.0	2395.0	4430.0
STANDARD DEVIATIONS / SQ. METER	20.5	316.0	317.8	150.8	81.1	179.5	378.6
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	1409.0	13772.0	15181.0	1940.0	606.0	2546.0	17727.0
MEAN NO./ SQ. METER ^{2/}	1.1	10.5	11.5	1.5	0.5	1.9	13.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	3360.0	4110.0	4110.0	880.0	1250.0	1250.0	4165.0
STANDARD DEVIATIONS / SQ. METER	50.1	120.1	130.2	26.3	16.2	31.6	138.9

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 6573 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1970 DISTRICT 101 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	82.0	20758.0	20840.0	35915.0	3141.0	39056.0	59896.0
MEAN NO./ SQ. METER ^{2/}	0.4	111.1	111.6	192.3	16.8	209.1	320.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	250.0	4950.0	4950.0	5000.0	750.0	5200.0	5395.0
STANDARD DEVIATIONS / SQ. METER	9.5	310.4	310.6	469.5	61.3	486.7	596.2

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	586.0	586.0	200.0	1.0	201.0	787.0
MEAN NO./ SQ. METER ^{2/}	0.0	3.1	3.1	1.1	0.0	1.1	4.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	575.0	575.0	500.0	5.0	500.0	575.0
STANDARD DEVIATIONS / SQ. METER	0.0	32.2	32.2	19.2	0.2	19.2	37.4

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 934 FOR THIS SUMMARY.

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1970 DISTRICT 102 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	23.0	13444.0	13467.0	1930.0	2098.0	4028.0	17495.0
MEAN NO./ SQ. METER ^{2/}	0.3	194.8	195.2	28.0	30.4	58.4	253.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	60.0	2400.0	2400.0	750.0	1250.0	1500.0	2550.0
STANDARD DEVIATIONS / SQ. METER	4.2	402.5	402.5	76.7	105.5	159.6	455.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	363.0	363.0	0.0	215.0	215.0	578.0
MEAN NO./ SQ. METER ^{2/}	0.0	5.3	5.3	0.0	3.1	3.1	8.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	750.0	750.0	0.0	400.0	400.0	1065.0
STANDARD DEVIATIONS / SQ. METER	0.0	55.8	55.8	0.0	33.6	33.6	85.7

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 345 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1970 DISTRICT 103 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	176.0	20950.0	21126.0	9453.0	1227.0	10680.0	31806.0
MEAN NO./ SQ. METER ^{2/}	0.8	99.6	100.4	44.9	5.8	50.8	151.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	375.0	2525.0	2525.0	1000.0	350.0	1000.0	2935.0
STANDARD DEVIATIONS / SQ. METER	15.0	275.6	276.2	113.0	25.3	117.3	325.7

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	696.0	696.0	226.0	567.0	793.0	1489.0
MEAN NO./ SQ. METER ^{2/}	0.0	3.3	3.3	1.1	2.7	3.8	7.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	750.0	750.0	350.0	2000.0	2000.0	2060.0
STANDARD DEVIATIONS / SQ. METER	0.0	40.2	40.2	14.5	62.6	64.3	80.4

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 1052 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1970 DISTRICT 105 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	13.0	3728.0	3741.0	1773.0	133.0	1906.0	5647.0
MEAN NO./ SQ. METER ^{2/}	0.2	53.1	53.3	25.3	1.9	27.2	80.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	50.0	1440.0	1440.0	1000.0	325.0	1000.0	1440.0
STANDARD DEVIATIONS / SQ. METER	2.8	163.9	163.9	99.9	19.9	101.8	198.8

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	142.0	142.0	118.0	0.0	118.0	260.0
MEAN NO./ SQ. METER ^{2/}	0.0	2.0	2.0	1.7	0.0	1.7	3.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	650.0	650.0	490.0	0.0	490.0	700.0
STANDARD DEVIATIONS / SQ. METER	0.0	34.8	34.8	26.4	0.0	26.4	46.3

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X ⁵.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 351 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1970 DISTRICT 106 SUMMARY STATISTICS

	PINK SALMON DATA					ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	7408.0	7408.0	4015.0	51.0	4066.0
MEAN NO./ SQ. METER ^{2/}	0.0	76.8	76.8	41.6	0.5	42.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1575.0	1575.0	1500.0	105.0	1500.0
STANDARD DEVIATIONS / SQ. METER	0.0	211.0	211.0	142.7	6.7	143.6

	CHUM SALMON DATA					ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	2.0	42.0	44.0	3.0	0.0	3.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.4	0.5	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	10.0	200.0	200.0	15.0	0.0	15.0
STANDARD DEVIATIONS / SQ. METER	0.5	9.1	9.1	0.7	0.0	0.7

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 482 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1970 DISTRICT 107 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	76.0	10082.0	10158.0	3011.0	770.0	3781.0	13939.0
MEAN NO./ SQ. METER ^{2/}	1.2	153.2	154.4	45.8	11.7	57.5	211.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	250.0	2740.0	2740.0	1000.0	525.0	1000.0	2840.0
STANDARD DEVIATIONS / SQ. METER	14.7	301.3	304.6	136.3	47.1	146.3	354.5

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	127.0	127.0	0.0	43.0	43.0	170.0
MEAN NO./ SQ. METER ^{2/}	0.0	1.9	1.9	0.0	0.7	0.7	2.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	500.0	500.0	0.0	215.0	215.0	500.0
STANDARD DEVIATIONS / SQ. METER	0.0	28.0	28.0	0.0	11.9	11.9	30.4

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 329 FOR THIS SUMMARY.

R04-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1970 DISTRICTS 101-108 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	370.0	76370.0	76740.0	56097.0	7420.0	63517.0	140257.0
MEAN NO./ SQ. METER ^{2/}	0.5	109.3	109.8	80.3	10.6	90.9	200.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	375.0	4950.0	4950.0	5000.0	1250.0	5200.0	5395.0
STANDARD DEVIATIONS / SQ. METER	10.7	288.6	289.2	271.1	51.2	284.6	424.3
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	2.0	1956.0	1958.0	547.0	826.0	1373.0	3331.0
MEAN NO./ SQ. METER ^{2/}	0.0	2.8	2.8	0.8	1.2	2.0	4.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	10.0	750.0	750.0	500.0	2000.0	2000.0	2060.0
STANDARD DEVIATIONS / SQ. METER	0.2	35.8	35.8	15.2	36.1	39.2	58.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 3493 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1970 DISTRICT 109 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	2.0	10038.0	10040.0	5883.0	691.0	6574.0	16614.0
MEAN NO./ SQ. METER ^{2/}	0.0	99.2	99.2	58.1	6.8	65.0	164.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	10.0	3150.0	3150.0	2625.0	1250.0	3125.0	3475.0
STANDARD DEVIATIONS / SQ. METER	0.4	317.9	317.9	244.0	60.8	274.8	441.1

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	36.0	36.0	0.0	0.0	0.0	36.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.4	0.4	0.0	0.0	0.0	0.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	100.0	100.0	0.0	0.0	0.0	100.0
STANDARD DEVIATIONS / SQ. METER	0.0	5.4	5.4	0.0	0.0	0.0	5.4

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 506 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1970 DISTRICT 110 SUMMARY STATISTICS

	PINK SALMON DATA					ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	2.0	8030.0	8032.0	2545.0	542.0	3087.0
MEAN NO./ SQ. METER ^{2/}	0.0	68.6	68.6	21.8	4.6	26.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	10.0	1885.0	1885.0	1125.0	500.0	1125.0
STANDARD DEVIATIONS / SQ. METER	0.4	236.5	236.5	105.7	34.7	111.8

	CHUM SALMON DATA					ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	93.0	93.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.8	0.8	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	200.0	200.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	10.4	10.4	0.0	0.0	0.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X ⁵.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 585 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1970 DISTRICT 111 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	1.0	8025.0	8026.0	1115.0	485.0	1600.0	9626.0
MEAN NO./ SQ. METER ^{2/}	0.0	74.9	74.9	10.4	4.5	14.9	89.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	3075.0	3075.0	405.0	500.0	500.0	3125.0
STANDARD DEVIATIONS / SQ. METER	0.2	259.7	259.7	43.5	30.9	53.2	271.7

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1286.0	1286.0	0.0	43.0	43.0	1329.0
MEAN NO./ SQ. METER ^{2/}	0.0	12.0	12.0	0.0	0.4	0.4	12.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1250.0	1250.0	0.0	125.0	125.0	1250.0
STANDARD DEVIATIONS / SQ. METER	0.0	87.3	87.3	0.0	6.1	6.1	87.8

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 536 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1970 DISTRICT 112 SUMMARY STATISTICS

	PINK SALMON DATA					ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	355.0	21135.0	21490.0	5114.0	419.0	5533.0
MEAN NO./ SQ. METER ^{2/}	2.2	132.9	135.2	32.2	2.6	34.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	1000.0	2400.0	2400.0	2500.0	650.0	2500.0
STANDARD DEVIATIONS / SQ. METER	42.5	320.0	327.2	145.7	29.0	148.6

	CHUM SALMON DATA					ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	1908.0	1908.0	435.0	10.0	445.0
MEAN NO./ SQ. METER ^{2/}	0.0	12.0	12.0	2.7	0.1	2.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2605.0	2605.0	1250.0	50.0	1250.0
STANDARD DEVIATIONS / SQ. METER	0.0	116.0	116.0	47.1	1.8	47.5

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 795 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1970 DISTRICT 113 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	65.0	19126.0	19191.0	4538.0	696.0	5234.0	24425.0
MEAN NO./ SQ. METER ^{2/}	0.3	89.5	89.8	21.2	3.3	24.5	114.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	250.0	2625.0	2625.0	1510.0	435.0	1510.0	3315.0
STANDARD DEVIATIONS / SQ. METER	7.7	268.2	268.3	99.8	27.0	105.4	301.1

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1288.0	1288.0	140.0	35.0	175.0	1463.0
MEAN NO./ SQ. METER ^{2/}	0.0	6.0	6.0	0.7	0.2	0.8	6.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	850.0	850.0	375.0	175.0	550.0	850.0
STANDARD DEVIATIONS / SQ. METER	0.0	50.4	50.4	14.5	5.4	19.0	53.8

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X $\frac{5}{0.2}$.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 1069 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1970 DISTRICT 114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	897.0	16527.0	17424.0	9177.0	801.0	9978.0	27402.0
MEAN NO./ SQ. METER ^{2/}	10.9	201.5	212.5	111.9	9.8	121.7	334.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	560.0	3035.0	3035.0	2000.0	1000.0	2000.0	3390.0
STANDARD DEVIATIONS / SQ. METER	60.1	415.8	423.9	275.9	68.7	288.3	565.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	82.0	82.0	0.0	0.0	0.0	82.0
MEAN NO./ SQ. METER ^{2/}	0.0	1.0	1.0	0.0	0.0	0.0	1.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	375.0	375.0	0.0	0.0	0.0	375.0
STANDARD DEVIATIONS / SQ. METER	0.0	18.6	18.6	0.0	0.0	0.0	18.6

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 410 FOR THIS SUMMARY.

R05-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1970 DISTRICTS 109-114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	1322.0	82881.0	84203.0	28372.0	3634.0	32006.0	116209.0
MEAN NO./ SQ. METER ^{2/}	1.7	106.2	107.9	36.4	4.7	41.0	148.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	1000.0	3150.0	3150.0	2625.0	1250.0	3125.0	3475.0
STANDARD DEVIATIONS / SQ. METER	27.8	301.5	304.7	159.8	40.7	171.1	373.2
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	0.0	4693.0	4693.0	575.0	88.0	663.0	5356.0
MEAN NO./ SQ. METER ^{2/}	0.0	6.0	6.0	0.7	0.1	0.8	6.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2605.0	2605.0	1250.0	175.0	1250.0	2605.0
STANDARD DEVIATIONS / SQ. METER	0.0	67.5	67.5	22.6	3.7	23.8	71.9

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 3901 FOR THIS SUMMARY.

R06-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1970 SOUTHEASTERN ALASKA SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	1692.0	159251.0	160943.0	84469.0	11054.0	95523.0	256466.0
MEAN NO./ SQ. METER ^{2/}	1.1	107.7	108.8	57.1	7.5	64.6	173.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	1000.0	4950.0	4950.0	5000.0	1250.0	5200.0	5395.0
STANDARD DEVIATIONS / SQ. METER	21.5	295.5	297.5	220.6	46.1	233.1	399.0
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	2.0	6649.0	6651.0	1122.0	914.0	2036.0	8687.0
MEAN NO./ SQ. METER ^{2/}	0.0	4.5	4.5	0.8	0.6	1.4	5.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	10.0	2605.0	2605.0	1250.0	2000.0	2000.0	2605.0
STANDARD DEVIATIONS / SQ. METER	0.1	54.9	54.9	19.5	25.0	32.0	65.7

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 7394 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1971 DISTRICT 101 SUMMARY STATISTICS

	PINK SALMON DATA					ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	43.0	8522.0	8565.0	3346.0	734.0	4080.0
MEAN NO./ SQ. METER ^{2/}	0.4	73.5	73.8	28.8	6.3	35.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	125.0	2845.0	2845.0	1500.0	1000.0	1500.0
STANDARD DEVIATIONS / SQ. METER	6.0	241.4	241.3	126.2	50.7	134.7

	CHUM SALMON DATA					ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	995.0	995.0	291.0	0.0	291.0
MEAN NO./ SQ. METER ^{2/}	0.0	8.6	8.6	2.5	0.0	2.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1685.0	1685.0	625.0	0.0	625.0
STANDARD DEVIATIONS / SQ. METER	0.0	93.7	93.7	31.4	0.0	31.4

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 580 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1971 DISTRICT 102 SUMMARY STATISTICS

	PINK SALMON DATA					ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	41.0	3867.0	3908.0	361.0	17.0	378.0
MEAN NO./ SQ. METER ^{2/}	0.8	77.3	78.2	7.2	0.3	7.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	65.0	2470.0	2535.0	250.0	25.0	250.0
STANDARD DEVIATIONS / SQ. METER	5.7	283.7	285.8	32.0	2.5	32.1

	CHUM SALMON DATA					ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	23.0	23.0	200.0	3.0	203.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.5	0.5	4.0	0.1	4.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	115.0	115.0	1000.0	15.0	1000.0
STANDARD DEVIATIONS / SQ. METER	0.0	7.3	7.3	63.2	0.9	63.2

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 250 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1971 DISTRICT 103 SUMMARY STATISTICS

	PINK SALMON DATA					ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	83.0	24265.0	24348.0	6834.0	1272.0	8106.0
MEAN NO./ SQ. METER ^{2/}	0.5	149.8	150.3	42.2	7.9	50.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	150.0	3815.0	3815.0	1800.0	500.0	1800.0
STANDARD DEVIATIONS / SQ. METER	6.9	433.1	433.5	128.6	45.7	145.3

	CHUM SALMON DATA					ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	3150.0	3150.0	264.0	1.0	265.0
MEAN NO./ SQ. METER ^{2/}	0.0	19.4	19.4	1.6	0.0	1.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	5210.0	5210.0	750.0	5.0	750.0
STANDARD DEVIATIONS / SQ. METER	0.0	233.5	233.5	29.2	0.2	29.2

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 810 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1971 DISTRICT 105 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	10159.0	10159.0	4929.0	130.0	5059.0	15218.0
MEAN NO./ SQ. METER ^{2/}	0.0	181.4	181.4	88.0	2.3	90.3	271.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2110.0	2110.0	1590.0	360.0	1590.0	2895.0
STANDARD DEVIATIONS / SQ. METER	0.0	408.1	408.1	235.8	22.3	242.7	498.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	339.0	339.0	214.0	5.0	219.0	558.0
MEAN NO./ SQ. METER ^{2/}	0.0	6.1	6.1	3.8	0.1	3.9	10.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1100.0	1100.0	510.0	25.0	510.0	1535.0
STANDARD DEVIATIONS / SQ. METER	0.0	69.0	69.0	40.0	1.5	40.9	100.7

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 280 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1971 DISTRICT 106 SUMMARY STATISTICS

	PINK SALMON DATA					ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	6649.0	6649.0	1523.0	46.0	1569.0
MEAN NO./ SQ. METER ^{2/}	0.0	111.9	111.9	25.6	0.8	26.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2390.0	2390.0	1425.0	160.0	1425.0
STANDARD DEVIATIONS / SQ. METER	0.0	300.3	300.3	127.7	9.5	127.9

	CHUM SALMON DATA					ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X ⁵.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 297 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1971 DISTRICT 107 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	16.0	10493.0	10509.0	5542.0	1412.0	6954.0	17463.0
MEAN NO./ SQ. METER ^{2/}	0.3	174.9	175.1	92.4	23.5	115.9	291.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	80.0	3310.0	3310.0	2100.0	925.0	2270.0	3930.0
STANDARD DEVIATIONS / SQ. METER	4.6	396.0	396.1	235.2	98.3	266.4	537.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	25.0	25.0	0.0	0.0	0.0	25.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.4	0.4	0.0	0.0	0.0	0.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	50.0	50.0	0.0	0.0	0.0	50.0
STANDARD DEVIATIONS / SQ. METER	0.0	4.0	4.0	0.0	0.0	0.0	4.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 300 FOR THIS SUMMARY.

R04-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1971 DISTRICTS 101 - 108 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	183.0	63955.0	64138.0	22535.0	3611.0	26146.0	90284.0
MEAN NO./ SQ. METER ^{2/}	0.4	127.0	127.4	44.8	7.2	51.9	179.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	150.0	3815.0	3815.0	2100.0	1000.0	2270.0	3930.0
STANDARD DEVIATIONS / SQ. METER	5.4	362.1	362.4	156.4	50.2	170.1	419.6

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	0.0	4532.0	4532.0	969.0	9.0	978.0	5510.0
MEAN NO./ SQ. METER ^{2/}	0.0	9.0	9.0	1.9	0.0	1.9	10.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	5210.0	5210.0	1000.0	25.0	1000.0	5210.0
STANDARD DEVIATIONS / SQ. METER	0.0	142.0	142.0	32.8	0.6	32.9	147.4

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 2517 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1971 DISTRICT 109 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	2.0	13260.0	13262.0	3290.0	467.0	3757.0	17019.0
MEAN NO./ SQ. METER ^{2/}	0.0	186.8	186.8	46.3	6.6	52.9	239.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	3690.0	3690.0	1140.0	425.0	1140.0	3690.0
STANDARD DEVIATIONS / SQ. METER	0.4	437.6	437.6	135.6	37.6	146.7	483.9

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	368.0	368.0	101.0	0.0	101.0	469.0
MEAN NO./ SQ. METER ^{2/}	0.0	5.2	5.2	1.4	0.0	1.4	6.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	910.0	910.0	275.0	0.0	275.0	1135.0
STANDARD DEVIATIONS / SQ. METER	0.0	60.6	60.6	18.8	0.0	18.8	72.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 355 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1971 DISTRICT 110 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	17713.0	17713.0	2692.0	1588.0	4280.0	21993.0
MEAN NO./ SQ. METER ^{2/}	0.0	264.4	264.4	40.2	23.7	63.9	328.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	4715.0	4715.0	1975.0	1050.0	1975.0	4765.0
STANDARD DEVIATIONS / SQ. METER	0.0	518.2	518.2	179.9	107.8	206.6	555.2

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1378.0	1378.0	58.0	160.0	218.0	1596.0
MEAN NO./ SQ. METER ^{2/}	0.0	20.6	20.6	0.9	2.4	3.3	23.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1485.0	1485.0	100.0	315.0	315.0	1525.0
STANDARD DEVIATIONS / SQ. METER	0.0	117.8	117.8	6.6	23.3	24.2	123.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 335 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1971 DISTRICT 111 SUMMARY STATISTICS

	PINK SALMON DATA					ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	14375.0	14375.0	1178.0	1924.0	3102.0
MEAN NO./ SQ. METER ^{2/}	0.0	235.7	235.7	19.3	31.5	50.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	4635.0	4635.0	590.0	2225.0	2225.0
STANDARD DEVIATIONS / SQ. METER	0.0	544.0	544.0	66.0	171.9	184.3

	CHUM SALMON DATA					ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	2124.0	2124.0	65.0	37.0	102.0
MEAN NO./ SQ. METER ^{2/}	0.0	34.8	34.8	1.1	0.6	1.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	4090.0	4090.0	325.0	175.0	325.0
STANDARD DEVIATIONS / SQ. METER	0.0	280.7	280.7	18.6	10.0	21.1

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 305 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1971 DISTRICT 112 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	155.0	18501.0	18656.0	4759.0	491.0	5250.0	23906.0
MEAN NO./ SQ. METER ^{2/}	2.2	258.4	260.6	66.5	6.9	73.3	333.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	750.0	3960.0	3960.0	2030.0	525.0	2110.0	4050.0
STANDARD DEVIATIONS / SQ. METER	39.6	560.8	561.3	199.5	36.9	210.3	605.7

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	769.0	769.0	267.0	5.0	272.0	1041.0
MEAN NO./ SQ. METER ^{2/}	0.0	10.7	10.7	3.7	0.1	3.8	14.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	985.0	985.0	1250.0	25.0	1250.0	1270.0
STANDARD DEVIATIONS / SQ. METER	0.0	81.6	81.6	66.2	1.3	66.2	105.4

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 358 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1971 DISTRICT 113 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	11520.0	11520.0	1432.0	9.0	1441.0	12961.0
MEAN NO./ SQ. METER ^{2/}	0.0	88.9	88.9	11.0	0.1	11.1	100.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	3830.0	3830.0	1500.0	20.0	1500.0	3830.0
STANDARD DEVIATIONS / SQ. METER	0.0	317.7	317.7	91.2	1.0	91.2	332.1

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	2235.0	2235.0	36.0	1.0	37.0	2272.0
MEAN NO./ SQ. METER ^{2/}	0.0	17.2	17.2	0.3	0.0	0.3	17.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2500.0	2500.0	160.0	5.0	160.0	2500.0
STANDARD DEVIATIONS / SQ. METER	0.0	141.1	141.1	6.3	0.2	6.3	141.3

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 648 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1971 DISTRICT 114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	91.0	3086.0	3177.0	1604.0	100.0	1704.0	4881.0
MEAN NO./ SQ. METER ^{2/}	2.4	80.8	83.2	42.0	2.6	44.6	127.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	150.0	2550.0	2550.0	1700.0	210.0	1700.0	2550.0
STANDARD DEVIATIONS / SQ. METER	16.7	274.4	274.3	195.7	16.9	195.9	329.6

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	50.0	2744.0	2794.0	421.0	27.0	448.0	3242.0
MEAN NO./ SQ. METER ^{2/}	1.3	71.8	73.1	11.0	0.7	11.7	84.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	250.0	3170.0	3170.0	1140.0	130.0	1140.0	3400.0
STANDARD DEVIATIONS / SQ. METER	18.1	387.1	387.6	103.0	9.4	104.1	422.2

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 191 FOR THIS SUMMARY.

R05-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1971 DISTRICTS 109-114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	248.0	78455.0	78703.0	14955.0	4579.0	19534.0	98237.0
MEAN NO./ SQ. METER ^{2/}	0.6	179.0	179.5	34.1	10.4	44.6	224.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	750.0	4715.0	4715.0	2030.0	2225.0	2225.0	4765.0
STANDARD DEVIATIONS / SQ. METER	16.8	454.3	454.4	145.5	80.5	168.0	493.4

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	50.0	9618.0	9668.0	948.0	230.0	1178.0	10846.0
MEAN NO./ SQ. METER ^{2/}	0.1	21.9	22.1	2.2	0.5	2.7	24.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	250.0	4090.0	4090.0	1250.0	315.0	1250.0	4090.0
STANDARD DEVIATIONS / SQ. METER	5.3	184.2	184.3	42.0	10.3	43.4	194.6

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 2192 FOR THIS SUMMARY.

R06-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1971 SOUTHEASTERN ALASKA SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	431.0	142410.0	142841.0	37490.0	8190.0	45680.0	188521.0
MEAN NO./ SQ. METER ^{2/}	0.5	151.2	151.7	39.8	8.7	48.5	200.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	750.0	4715.0	4715.0	2100.0	2225.0	2270.0	4765.0
STANDARD DEVIATIONS / SQ. METER	12.1	408.4	408.6	151.5	66.1	169.2	456.0
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	50.0	14150.0	14200.0	1917.0	239.0	2156.0	16356.0
MEAN NO./ SQ. METER ^{2/}	0.1	15.0	15.1	2.0	0.3	2.3	17.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	250.0	5210.0	5210.0	1250.0	315.0	1250.0	5210.0
STANDARD DEVIATIONS / SQ. METER	3.6	163.1	163.1	37.4	7.0	38.2	171.1

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 4709 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1972 DISTRICT 101 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	217.0	12773.0	12990.0	20156.0	953.0	21109.0	34099.0
MEAN NO./ SQ. METER ^{2/}	1.7	99.0	100.7	156.2	7.4	163.6	264.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	30.0	2305.0	2305.0	2925.0	500.0	2925.0	2925.0
STANDARD DEVIATIONS / SQ. METER	6.0	204.6	205.3	302.0	38.0	304.7	391.4

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	448.0	741.0	1189.0	30.0	0.0	30.0	1219.0
MEAN NO./ SQ. METER ^{2/}	3.5	5.7	9.2	0.2	0.0	0.2	9.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	2185.0	2030.0	2185.0	115.0	0.0	115.0	2185.0
STANDARD DEVIATIONS / SQ. METER	86.1	99.6	131.5	4.7	0.0	4.7	134.3

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 645 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1972 DISTRICT 102 SUMMARY STATISTICS

	PINK SALMON DATA					ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	2768.0	9743.0	12511.0	6206.0	511.0	6717.0
MEAN NO./ SQ. METER ^{2/}	48.6	170.9	219.5	108.9	9.0	117.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	2325.0	2325.0	3070.0	1590.0	400.0	1590.0
STANDARD DEVIATIONS / SQ. METER	240.4	363.9	459.8	195.8	43.5	203.2

	CHUM SALMON DATA					ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	10.0	10.0	3.0	35.0	38.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.2	0.2	0.1	0.6	0.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	40.0	40.0	15.0	175.0	175.0
STANDARD DEVIATIONS / SQ. METER	0.0	2.4	2.4	0.9	10.4	10.4

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X ⁵.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 285 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1972 DISTRICT 103 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	610.0	17866.0	18476.0	14758.0	454.0	15212.0	33688.0
MEAN NO./ SQ. METER ^{2/}	3.9	113.8	117.7	94.0	2.9	96.9	214.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	545.0	2540.0	2540.0	2250.0	515.0	2250.0	2640.0
STANDARD DEVIATIONS / SQ. METER	28.2	296.3	299.6	206.8	23.6	208.2	383.6

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	93.0	1642.0	1735.0	121.0	35.0	156.0	1891.0
MEAN NO./ SQ. METER ^{2/}	0.6	10.5	11.1	0.8	0.2	1.0	12.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	465.0	1760.0	1760.0	395.0	150.0	395.0	1760.0
STANDARD DEVIATIONS / SQ. METER	16.6	102.4	103.6	14.8	5.4	15.8	107.6

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 785 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1972 DISTRICT 105 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	347.0	9111.0	9458.0	4316.0	198.0	4514.0	13972.0
MEAN NO./ SQ. METER ^{2/}	5.1	134.0	139.1	63.5	2.9	66.4	205.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	1545.0	3130.0	3130.0	1030.0	150.0	1030.0	3180.0
STANDARD DEVIATIONS / SQ. METER	84.1	350.1	358.6	132.3	13.6	134.1	388.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	206.0	206.0	25.0	0.0	25.0	231.0
MEAN NO./ SQ. METER ^{2/}	0.0	3.0	3.0	0.4	0.0	0.4	3.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	930.0	930.0	100.0	0.0	100.0	930.0
STANDARD DEVIATIONS / SQ. METER	0.0	50.6	50.6	5.6	0.0	5.6	50.9

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 340 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1972 DISTRICT 106 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	292.0	7580.0	7872.0	4323.0	381.0	4704.0	12576.0
MEAN NO./ SQ. METER ^{2/}	5.3	137.8	143.1	78.6	6.9	85.5	228.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	1340.0	1695.0	1695.0	2000.0	450.0	2000.0	2015.0
STANDARD DEVIATIONS / SQ. METER	80.9	313.4	321.9	261.2	42.1	262.8	407.4

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	48.0	48.0	50.0	67.0	117.0	165.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.9	0.9	0.9	1.2	2.1	3.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	175.0	175.0	250.0	335.0	335.0	340.0
STANDARD DEVIATIONS / SQ. METER	0.0	11.1	11.1	15.1	20.2	25.2	27.7

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 275 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1972 DISTRICT 107 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	111.0	11149.0	11260.0	4043.0	744.0	4787.0	16047.0
MEAN NO./ SQ. METER ^{2/}	1.5	150.7	152.2	54.6	10.1	64.7	216.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	195.0	2345.0	2345.0	750.0	750.0	850.0	2345.0
STANDARD DEVIATIONS / SQ. METER	14.2	346.3	346.5	110.7	57.9	128.4	381.5

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	2.0	0.0	2.0	2.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	10.0	0.0	10.0	10.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.5	0.0	0.5	0.5

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 370 FOR THIS SUMMARY.

R04-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1972 DISTRICTS 101 - 108 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	4345.0	68222.0	72567.0	53802.0	3241.0	57043.0	129610.0
MEAN NO./ SQ. METER ^{2/}	8.0	126.3	134.4	99.6	6.0	105.6	240.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	2325.0	3130.0	3130.0	2925.0	750.0	2925.0	3370.0
STANDARD DEVIATIONS / SQ. METER	90.0	302.9	320.4	224.3	37.1	227.9	407.1
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	541.0	2647.0	3188.0	231.0	137.0	368.0	3556.0
MEAN NO./ SQ. METER ^{2/}	1.0	4.9	5.9	0.4	0.3	0.7	6.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	2185.0	2030.0	2185.0	395.0	335.0	395.0	2185.0
STANDARD DEVIATIONS / SQ. METER	43.0	75.9	87.2	9.8	7.8	12.6	90.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 2700 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1972 DISTRICT 109 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	97.0	9898.0	9995.0	5475.0	831.0	6306.0	16301.0
MEAN NO./ SQ. METER ^{2/}	1.3	130.2	131.5	72.0	10.9	83.0	214.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	190.0	1520.0	1520.0	1495.0	405.0	1495.0	1795.0
STANDARD DEVIATIONS / SQ. METER	14.0	292.9	295.0	186.9	36.5	196.0	370.8

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	235.0	248.0	483.0	126.0	19.0	145.0	628.0
MEAN NO./ SQ. METER ^{2/}	3.1	3.3	6.4	1.7	0.3	1.9	8.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	485.0	675.0	675.0	155.0	55.0	155.0	735.0
STANDARD DEVIATIONS / SQ. METER	35.7	39.5	53.1	11.3	3.3	12.3	61.1

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 380 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1972 DISTRICT 110 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	10561.0	10561.0	3743.0	1939.0	5682.0	16243.0
MEAN NO./ SQ. METER ^{2/}	0.0	118.7	118.7	42.1	21.8	63.8	182.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2455.0	2455.0	1030.0	1015.0	1070.0	2470.0
STANDARD DEVIATIONS / SQ. METER	0.0	336.2	336.2	130.1	84.7	163.6	376.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	39.0	1685.0	1724.0	193.0	875.0	1068.0	2792.0
MEAN NO./ SQ. METER ^{2/}	0.4	18.9	19.4	2.2	9.8	12.0	31.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	195.0	1490.0	1490.0	395.0	535.0	585.0	1490.0
STANDARD DEVIATIONS / SQ. METER	9.2	108.9	110.3	23.0	55.0	63.2	133.8

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 445 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1972 DISTRICT 111 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	509.0	20944.0	21453.0	8777.0	2481.0	11258.0	32711.0
MEAN NO./ SQ. METER ^{2/}	7.0	289.3	296.3	121.2	34.3	155.5	451.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	2000.0	2840.0	2840.0	2500.0	1260.0	2500.0	3615.0
STANDARD DEVIATIONS / SQ. METER	108.3	560.3	568.4	328.4	132.8	353.5	686.8

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	1.0	3547.0	3548.0	8.0	205.0	213.0	3761.0
MEAN NO./ SQ. METER ^{2/}	0.0	49.0	49.0	0.1	2.8	2.9	51.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	3655.0	3655.0	30.0	250.0	250.0	3655.0
STANDARD DEVIATIONS / SQ. METER	0.3	266.5	266.5	1.6	23.6	23.6	268.9

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 362 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1972 DISTRICT 112 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	954.0	22079.0	23033.0	7586.0	1066.0	8652.0	31685.0
MEAN NO./ SQ. METER ^{2/}	7.6	175.5	183.1	60.3	8.5	68.8	251.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	2800.0	2675.0	2865.0	5000.0	750.0	5000.0	5000.0
STANDARD DEVIATIONS / SQ. METER	122.2	403.3	420.8	306.9	55.1	314.1	545.9

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	4440.0	4440.0	1040.0	94.0	1134.0	5574.0
MEAN NO./ SQ. METER ^{2/}	0.0	35.3	35.3	8.3	0.7	9.0	44.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2830.0	2830.0	2665.0	300.0	2665.0	2830.0
STANDARD DEVIATIONS / SQ. METER	0.0	196.6	196.6	112.9	12.2	113.6	226.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 629 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1972 DISTRICT 113 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	48.0	23437.0	23485.0	2946.0	679.0	3625.0	27110.0
MEAN NO./ SQ. METER ^{2/}	0.4	206.3	206.7	25.9	6.0	31.9	238.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	240.0	3175.0	3175.0	2000.0	1000.0	2010.0	3305.0
STANDARD DEVIATIONS / SQ. METER	10.1	471.3	472.2	137.8	47.7	150.0	508.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1392.0	1392.0	364.0	1.0	365.0	1757.0
MEAN NO./ SQ. METER ^{2/}	0.0	12.3	12.3	3.2	0.0	3.2	15.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1330.0	1330.0	750.0	5.0	750.0	1330.0
STANDARD DEVIATIONS / SQ. METER	0.0	90.4	90.4	42.9	0.2	42.9	100.5

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 568 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1972 DISTRICT 114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	222.0	20347.0	20569.0	4168.0	799.0	4967.0	25536.0
MEAN NO./ SQ. METER ^{2/}	2.7	247.5	250.2	50.7	9.7	60.4	310.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	600.0	3690.0	3690.0	1650.0	1750.0	1750.0	3690.0
STANDARD DEVIATIONS / SQ. METER	33.6	548.0	547.9	166.9	95.7	191.9	585.2

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	686.0	686.0	373.0	37.0	410.0	1096.0
MEAN NO./ SQ. METER ^{2/}	0.0	8.3	8.3	4.5	0.5	5.0	13.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	980.0	980.0	750.0	150.0	750.0	980.0
STANDARD DEVIATIONS / SQ. METER	0.0	68.1	68.1	50.9	7.5	54.0	92.7

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 411 FOR THIS SUMMARY.

R05-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1972 DISTRICTS 109-114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	1830.0	107266.0	109096.0	32695.0	7795.0	40490.0	149586.0
MEAN NO./ SQ. METER ^{2/}	3.3	191.9	195.2	58.5	13.9	72.4	267.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	2800.0	3690.0	3690.0	5000.0	1750.0	5000.0	5000.0
STANDARD DEVIATIONS / SQ. METER	71.4	446.1	451.6	226.4	78.6	243.0	527.4
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	275.0	11998.0	12273.0	2104.0	1231.0	3335.0	15608.0
MEAN NO./ SQ. METER ^{2/}	0.5	21.5	22.0	3.8	2.2	6.0	27.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	485.0	3655.0	3655.0	2665.0	535.0	2665.0	3655.0
STANDARD DEVIATIONS / SQ. METER	13.7	150.1	150.8	61.1	24.6	66.6	166.6

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 2795 FOR THIS SUMMARY.

R06-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1972 SOUTHEASTERN ALASKA SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	6175.0	175488.0	181663.0	86497.0	11036.0	97533.0	279196.0
MEAN NO./ SQ. METER ^{2/}	5.6	159.7	165.3	78.7	10.0	88.7	254.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	2800.0	3690.0	3690.0	5000.0	1750.0	5000.0	5000.0
STANDARD DEVIATIONS / SQ. METER	81.1	383.9	393.8	226.3	61.9	236.2	472.3
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	816.0	14645.0	15461.0	2335.0	1368.0	3703.0	19164.0
MEAN NO./ SQ. METER ^{2/}	0.7	13.3	14.1	2.1	1.2	3.4	17.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	2185.0	3655.0	3655.0	2665.0	535.0	2665.0	3655.0
STANDARD DEVIATIONS / SQ. METER	31.7	119.8	123.9	44.1	18.4	48.4	134.9

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 5495 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1973 DISTRICT 101 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	585.0	13071.0	13656.0	6544.0	415.0	6959.0	20615.0
MEAN NO./ SQ. METER ^{2/}	4.6	102.9	107.5	51.5	3.3	54.8	162.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	945.0	3290.0	3290.0	1320.0	250.0	1320.0	3315.0
STANDARD DEVIATIONS / SQ. METER	44.9	315.9	320.6	135.3	20.5	136.2	350.4

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	441.0	614.0	1055.0	190.0	0.0	190.0	1245.0
MEAN NO./ SQ. METER ^{2/}	3.5	4.8	8.3	1.5	0.0	1.5	9.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	2080.0	910.0	2080.0	500.0	0.0	500.0	2120.0
STANDARD DEVIATIONS / SQ. METER	82.7	52.8	98.0	23.5	0.0	23.5	102.3

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 635 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1973 DISTRICT 102 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	4.0	2840.0	2844.0	1938.0	48.0	1986.0	4830.0
MEAN NO./ SQ. METER ^{2/}	0.1	42.4	42.4	28.9	0.7	29.6	72.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	10.0	1180.0	1180.0	705.0	75.0	705.0	1180.0
STANDARD DEVIATIONS / SQ. METER	0.8	136.4	136.4	91.1	5.4	91.2	166.6

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	946.0	946.0	2041.0	5.0	2046.0	2992.0
MEAN NO./ SQ. METER ^{2/}	0.0	14.1	14.1	30.5	0.1	30.5	44.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	910.0	910.0	740.0	25.0	740.0	1435.0
STANDARD DEVIATIONS / SQ. METER	0.0	84.5	84.5	114.4	1.4	114.6	159.9

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 335 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1973 DISTRICT 103 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	10.0	12502.0	12512.0	5131.0	189.0	5320.0	17832.0
MEAN NO./ SQ. METER ^{2/}	0.1	76.7	76.8	31.5	1.2	32.6	109.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	35.0	4060.0	4060.0	2000.0	505.0	2000.0	4060.0
STANDARD DEVIATIONS / SQ. METER	1.3	299.6	299.6	112.0	18.9	114.3	332.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	13.0	908.0	921.0	716.0	20.0	736.0	1657.0
MEAN NO./ SQ. METER ^{2/}	0.1	5.6	5.7	4.4	0.1	4.5	10.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	40.0	610.0	610.0	625.0	100.0	625.0	910.0
STANDARD DEVIATIONS / SQ. METER	1.6	46.9	47.1	42.1	3.5	43.3	69.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 815 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1973 DISTRICT 105 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	101.0	9176.0	9277.0	3672.0	278.0	3950.0	13227.0
MEAN NO./ SQ. METER ^{2/}	1.5	134.9	136.4	54.0	4.1	58.1	194.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	260.0	3190.0	3190.0	1585.0	375.0	1590.0	3190.0
STANDARD DEVIATIONS / SQ. METER	15.3	388.3	388.7	193.9	26.1	196.1	431.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	8.0	406.0	414.0	61.0	1.0	62.0	476.0
MEAN NO./ SQ. METER ^{2/}	0.1	6.0	6.1	0.9	0.0	0.9	7.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	40.0	765.0	765.0	175.0	5.0	175.0	860.0
STANDARD DEVIATIONS / SQ. METER	2.2	57.6	57.8	11.6	0.3	11.7	65.2

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 340 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1973 DISTRICT 106 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	75.0	7337.0	7412.0	2930.0	199.0	3129.0	10541.0
MEAN NO./ SQ. METER ^{2/}	1.3	128.7	130.0	51.4	3.5	54.9	184.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	220.0	1845.0	1845.0	1500.0	75.0	1500.0	1860.0
STANDARD DEVIATIONS / SQ. METER	13.8	327.7	327.8	163.3	11.3	166.5	384.6

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	2.0	2.0	0.0	0.0	0.0	2.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	10.0	10.0	0.0	0.0	0.0	10.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.6	0.6	0.0	0.0	0.0	0.6

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 285 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1973 DISTRICT 107 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	13.0	8024.0	8037.0	5127.0	827.0	5954.0	13991.0
MEAN NO./ SQ. METER ^{2/}	0.2	116.3	116.5	74.3	12.0	86.3	202.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	20.0	1995.0	1995.0	1990.0	875.0	1990.0	2385.0
STANDARD DEVIATIONS / SQ. METER	1.8	278.2	278.3	226.8	73.7	237.1	381.6

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 345 FOR THIS SUMMARY.

R04-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1973 DISTRICTS 101 - 108 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	788.0	52950.0	53738.0	25342.0	1956.0	27298.0	81036.0
MEAN NO./ SQ. METER ^{2/}	1.4	96.1	97.5	46.0	3.5	49.5	147.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	945.0	4060.0	4060.0	2000.0	875.0	2000.0	4060.0
STANDARD DEVIATIONS / SQ. METER	22.7	303.1	304.4	151.5	31.5	155.2	350.0
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	462.0	2876.0	3338.0	3008.0	26.0	3034.0	6372.0
MEAN NO./ SQ. METER ^{2/}	0.8	5.2	6.1	5.5	0.0	5.5	11.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	2080.0	910.0	2080.0	740.0	100.0	740.0	2120.0
STANDARD DEVIATIONS / SQ. METER	39.7	50.8	64.5	48.4	2.0	48.8	87.2

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 2755 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1973 DISTRICT 109 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	12.0	13068.0	13080.0	5307.0	1034.0	6341.0	19421.0
MEAN NO./ SQ. METER ^{2/}	0.2	181.5	181.7	73.7	14.4	88.1	269.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	30.0	2955.0	2955.0	1465.0	2175.0	2190.0	3645.0
STANDARD DEVIATIONS / SQ. METER	1.9	439.5	439.5	206.0	126.2	241.7	514.8

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	1.0	366.0	367.0	276.0	18.0	294.0	661.0
MEAN NO./ SQ. METER ^{2/}	0.0	5.1	5.1	3.8	0.3	4.1	9.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	1060.0	1060.0	915.0	65.0	915.0	1080.0
STANDARD DEVIATIONS / SQ. METER	0.3	64.0	64.0	50.7	3.6	51.0	84.6

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 360 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1973 DISTRICT 110 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	22.0	18658.0	18680.0	5096.0	2422.0	7518.0	26198.0
MEAN NO./ SQ. METER ^{2/}	0.3	213.5	213.7	58.3	27.7	86.0	299.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	55.0	3060.0	3060.0	1705.0	1205.0	1705.0	3355.0
STANDARD DEVIATIONS / SQ. METER	3.7	459.2	459.1	185.7	112.9	213.8	522.1

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	1.0	1803.0	1804.0	678.0	125.0	803.0	2607.0
MEAN NO./ SQ. METER ^{2/}	0.0	20.6	20.6	7.8	1.4	9.2	29.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	3160.0	3160.0	1000.0	300.0	1000.0	3370.0
STANDARD DEVIATIONS / SQ. METER	0.2	183.9	183.9	74.6	16.8	76.7	210.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 437 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1973 DISTRICT 111 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	115.0	19517.0	19632.0	6452.0	3020.0	9472.0	29104.0
MEAN NO./ SQ. METER ^{2/}	1.7	291.3	293.0	96.3	45.1	141.4	434.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	500.0	2670.0	2670.0	3410.0	1065.0	3410.0	3420.0
STANDARD DEVIATIONS / SQ. METER	27.6	503.2	503.1	292.1	152.5	339.0	595.9
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	2984.0	2984.0	130.0	299.0	429.0	3413.0
MEAN NO./ SQ. METER ^{2/}	0.0	44.5	44.5	1.9	4.5	6.4	50.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2190.0	2190.0	215.0	490.0	490.0	2190.0
STANDARD DEVIATIONS / SQ. METER	0.0	228.5	228.5	15.2	33.2	36.8	235.7

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 335 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES
*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

APPENDIX A

1973 DISTRICT 112 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	138.0	14870.0	15008.0	4884.0	390.0	5274.0	20282.0
MEAN NO./ SQ. METER ^{2/}	1.1	119.5	120.6	39.3	3.1	42.4	163.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	180.0	3810.0	3810.0	1750.0	600.0	1750.0	3810.0
STANDARD DEVIATIONS / SQ. METER	10.8	353.9	354.4	160.0	28.3	164.6	400.9
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	3362.0	3362.0	1281.0	26.0	1307.0	4669.0
MEAN NO./ SQ. METER ^{2/}	0.0	27.0	27.0	10.3	0.2	10.5	37.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1900.0	1900.0	1750.0	125.0	1750.0	1900.0
STANDARD DEVIATIONS / SQ. METER	0.0	161.3	161.3	98.0	5.0	98.2	190.5

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 622 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1973 DISTRICT 113 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	276.0	17453.0	17729.0	6129.0	242.0	6371.0	24100.0
MEAN NO./ SQ. METER ^{2/}	2.2	140.8	143.0	49.4	2.0	51.4	194.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	400.0	4010.0	4010.0	15375.0	850.0	15375.0	15720.0
STANDARD DEVIATIONS / SQ. METER	20.7	430.1	430.3	625.4	34.6	626.5	772.9

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	1.0	2157.0	2158.0	123.0	0.0	123.0	2281.0
MEAN NO./ SQ. METER ^{2/}	0.0	17.4	17.4	1.0	0.0	1.0	18.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	2045.0	2045.0	225.0	0.0	225.0	2195.0
STANDARD DEVIATIONS / SQ. METER	0.2	143.0	143.0	11.8	0.0	11.8	150.9

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 620 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1973 DISTRICT 114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	4125.0	4125.0	959.0	263.0	1222.0	5347.0
MEAN NO./ SQ. METER ^{2/}	0.0	45.3	45.3	10.5	2.9	13.4	58.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2515.0	2515.0	600.0	750.0	750.0	2845.0
STANDARD DEVIATIONS / SQ. METER	0.0	230.0	230.0	52.9	36.3	64.1	253.8

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	2297.0	2297.0	483.0	25.0	508.0	2805.0
MEAN NO./ SQ. METER ^{2/}	0.0	25.2	25.2	5.3	0.3	5.6	30.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2035.0	2035.0	1000.0	50.0	1000.0	2065.0
STANDARD DEVIATIONS / SQ. METER	0.0	160.8	160.8	56.6	3.1	56.7	174.3

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 455 FOR THIS SUMMARY.

R05-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1973 DISTRICTS 109-114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	563.0	87691.0	88254.0	28827.0	7371.0	36198.0	124452.0
MEAN NO./ SQ. METER ^{2/}	1.0	155.0	156.0	50.9	13.0	64.0	220.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	500.0	4010.0	4010.0	15375.0	2175.0	15375.0	15720.0
STANDARD DEVIATIONS / SQ. METER	14.6	410.5	410.6	336.3	87.2	349.2	553.0
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	3.0	12969.0	12972.0	2971.0	493.0	3464.0	16436.0
MEAN NO./ SQ. METER ^{2/}	0.0	22.9	22.9	5.3	0.9	6.1	29.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	3160.0	3160.0	1750.0	490.0	1750.0	3370.0
STANDARD DEVIATIONS / SQ. METER	0.2	162.3	162.3	62.3	13.6	63.8	179.6

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 2829 FOR THIS SUMMARY.

R06-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1973 SOUTHEASTERN ALASKA SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	1351.0	140641.0	141992.0	54169.0	9327.0	63496.0	205488.0
MEAN NO./ SQ. METER ^{2/}	1.2	125.9	127.1	48.5	8.4	56.9	184.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	945.0	4060.0	4060.0	15375.0	2175.0	15375.0	15720.0
STANDARD DEVIATIONS / SQ. METER	19.1	362.7	363.3	261.9	66.0	271.5	465.4
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	465.0	15845.0	16310.0	5979.0	519.0	6498.0	22808.0
MEAN NO./ SQ. METER ^{2/}	0.4	14.2	14.6	5.4	0.5	5.8	20.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	2080.0	3160.0	3160.0	1750.0	490.0	1750.0	3370.0
STANDARD DEVIATIONS / SQ. METER	27.9	121.2	124.4	55.9	9.8	56.9	142.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 5584 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1974 DISTRICT 101 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	226.0	3481.0	3707.0	3412.0	256.0	3668.0	7375.0
MEAN NO./ SQ. METER ^{2/}	1.8	27.0	28.7	26.4	2.0	28.4	57.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	560.0	805.0	805.0	730.0	290.0	730.0	965.0
STANDARD DEVIATIONS / SQ. METER	25.4	91.9	96.4	80.3	14.4	81.5	137.5

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	5.0	887.0	892.0	509.0	45.0	554.0	1446.0
MEAN NO./ SQ. METER ^{2/}	0.0	6.9	6.9	3.9	0.3	4.3	11.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	25.0	1050.0	1050.0	795.0	110.0	795.0	1075.0
STANDARD DEVIATIONS / SQ. METER	1.0	57.0	57.1	41.4	5.1	41.9	73.7

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 645 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1974 DISTRICT 102 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	114.0	1983.0	2097.0	377.0	105.0	482.0	2579.0
MEAN NO./ SQ. METER ^{2/}	1.7	29.2	30.8	5.5	1.5	7.1	37.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	170.0	1790.0	1790.0	235.0	155.0	290.0	1790.0
STANDARD DEVIATIONS / SQ. METER	13.2	132.9	134.0	21.7	11.7	27.6	136.9

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	35.0	1250.0	1285.0	804.0	19.0	823.0	2108.0
MEAN NO./ SQ. METER ^{2/}	0.5	18.4	18.9	11.8	0.3	12.1	31.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	170.0	1115.0	1115.0	980.0	80.0	1060.0	1185.0
STANDARD DEVIATIONS / SQ. METER	9.2	98.4	101.3	74.0	4.4	77.2	135.2

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 340 FOR THIS SUMMARY.

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1974 DISTRICT 103 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	596.0	9803.0	10399.0	6751.0	200.0	6951.0	17350.0
MEAN NO./ SQ. METER ^{2/}	3.6	59.4	63.0	40.9	1.2	42.1	105.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	1800.0	3505.0	3505.0	2115.0	165.0	2115.0	3505.0
STANDARD DEVIATIONS / SQ. METER	63.8	262.2	269.5	150.5	10.1	151.4	327.2

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	89.0	661.0	750.0	848.0	0.0	848.0	1598.0
MEAN NO./ SQ. METER ^{2/}	0.5	4.0	4.5	5.1	0.0	5.1	9.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	190.0	1220.0	1220.0	1750.0	0.0	1750.0	1750.0
STANDARD DEVIATIONS / SQ. METER	9.3	48.6	49.5	72.2	0.0	72.2	90.8

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 825 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1974 DISTRICT 105 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	136.0	6467.0	6603.0	1664.0	175.0	1839.0	8442.0
MEAN NO./ SQ. METER ^{2/}	2.0	94.5	96.5	24.3	2.6	26.9	123.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	250.0	1665.0	1790.0	650.0	150.0	650.0	1790.0
STANDARD DEVIATIONS / SQ. METER	18.6	243.3	247.4	87.1	14.3	88.4	260.8

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	16.0	34.0	50.0	8.0	0.0	8.0	58.0
MEAN NO./ SQ. METER ^{2/}	0.2	0.5	0.7	0.1	0.0	0.1	0.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	80.0	75.0	80.0	40.0	0.0	40.0	120.0
STANDARD DEVIATIONS / SQ. METER	4.3	5.5	6.9	2.2	0.0	2.2	8.5

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 342 FOR THIS SUMMARY.

803-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1974 DISTRICT 106 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	1.0	3369.0	3370.0	1595.0	230.0	1825.0	5195.0
MEAN NO./ SQ. METER ^{2/}	0.0	58.1	58.1	27.5	4.0	31.5	89.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	2485.0	2485.0	1250.0	650.0	1250.0	2485.0
STANDARD DEVIATIONS / SQ. METER	0.3	225.7	225.7	110.9	40.0	121.9	258.8

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	9.0	9.0	2.0	0.0	2.0	11.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.2	0.2	0.0	0.0	0.0	0.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	45.0	45.0	10.0	0.0	10.0	45.0
STANDARD DEVIATIONS / SQ. METER	0.0	2.6	2.6	0.6	0.0	0.6	2.7

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 290 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1974 DISTRICT 107 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	81.0	5714.0	5795.0	1695.0	812.0	2507.0	8302.0
MEAN NO./ SQ. METER ^{2/}	1.1	77.2	78.3	22.9	11.0	33.9	112.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	300.0	1835.0	1835.0	1250.0	1000.0	1250.0	2015.0
STANDARD DEVIATIONS / SQ. METER	16.0	225.9	226.2	92.2	64.2	112.5	256.9

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1.0	1.0	0.0	0.0	0.0	1.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	5.0	5.0	0.0	0.0	0.0	5.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.3	0.3	0.0	0.0	0.0	0.3

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 370 FOR THIS SUMMARY.

R04-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1974 DISTRICTS 101 - 108 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	1154.0	30817.0	31971.0	15494.0	1778.0	17272.0	49243.0
MEAN NO./ SQ. METER ^{2/}	2.1	54.8	56.8	27.5	3.2	30.7	87.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	1800.0	3505.0	3505.0	2115.0	1000.0	2115.0	3505.0
STANDARD DEVIATIONS / SQ. METER	37.9	209.4	213.3	107.7	28.9	112.2	250.2

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	145.0	2842.0	2987.0	2171.0	64.0	2235.0	5222.0
MEAN NO./ SQ. METER ^{2/}	0.3	5.1	5.3	3.9	0.1	4.0	9.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	190.0	1220.0	1220.0	1750.0	110.0	1750.0	1750.0
STANDARD DEVIATIONS / SQ. METER	6.2	51.4	52.3	51.0	2.9	51.6	77.2

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 2812 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1974 DISTRICT 109 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	20.0	8598.0	8618.0	2032.0	451.0	2483.0	11101.0
MEAN NO./ SQ. METER ^{2/}	0.3	121.1	121.4	28.6	6.4	35.0	156.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	30.0	4050.0	4050.0	1550.0	1000.0	1550.0	4255.0
STANDARD DEVIATIONS / SQ. METER	2.2	448.0	447.9	126.3	60.6	150.5	496.2

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	90.0	90.0	39.0	0.0	39.0	129.0
MEAN NO./ SQ. METER ^{2/}	0.0	1.3	1.3	0.5	0.0	0.5	1.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	195.0	195.0	120.0	0.0	120.0	195.0
STANDARD DEVIATIONS / SQ. METER	0.0	13.1	13.1	7.5	0.0	7.5	15.1

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 355 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1974 DISTRICT 110 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	1.0	8098.0	8099.0	1715.0	399.0	2114.0	10213.0
MEAN NO./ SQ. METER ^{2/}	0.0	108.6	108.6	23.0	5.3	28.3	136.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	3160.0	3160.0	750.0	1000.0	1000.0	3160.0
STANDARD DEVIATIONS / SQ. METER	0.3	336.4	336.4	93.4	54.7	107.3	356.1

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	950.0	950.0	726.0	898.0	1624.0	2574.0
MEAN NO./ SQ. METER ^{2/}	0.0	12.7	12.7	9.7	12.0	21.8	34.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	565.0	565.0	2360.0	1100.0	2360.0	2360.0
STANDARD DEVIATIONS / SQ. METER	0.0	62.4	62.4	126.7	85.8	152.5	181.4

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 373 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1974 DISTRICT III SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	5.0	3712.0	3717.0	1002.0	278.0	1280.0	4997.0
MEAN NO./ SQ. METER ^{2/}	0.1	71.1	71.2	19.2	5.3	24.5	95.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	10.0	3155.0	3155.0	710.0	575.0	750.0	3155.0
STANDARD DEVIATIONS / SQ. METER	0.9	301.5	301.5	76.4	38.7	90.5	329.2

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	1.0	2338.0	2339.0	2108.0	340.0	2448.0	4787.0
MEAN NO./ SQ. METER ^{2/}	0.0	44.8	44.8	40.4	6.5	46.9	91.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	2845.0	2845.0	1215.0	565.0	1215.0	4060.0
STANDARD DEVIATIONS / SQ. METER	0.3	226.7	226.7	148.4	50.4	162.2	337.1

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X ⁵
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 261 FOR THIS SUMMARY.

803-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1974 DISTRICT 112 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	163.0	9335.0	9498.0	1924.0	234.0	2158.0	11656.0
MEAN NO./ SQ. METER ^{2/}	1.3	75.2	76.5	15.5	1.9	17.4	93.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	710.0	3285.0	3285.0	1075.0	295.0	1075.0	3385.0
STANDARD DEVIATIONS / SQ. METER	28.6	290.1	292.1	81.5	16.4	84.1	313.5

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	6.0	1475.0	1481.0	61.0	71.0	132.0	1613.0
MEAN NO./ SQ. METER ^{2/}	0.0	11.9	11.9	0.5	0.6	1.1	13.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	30.0	2570.0	2570.0	150.0	270.0	310.0	2585.0
STANDARD DEVIATIONS / SQ. METER	1.2	123.5	123.5	6.5	11.0	14.2	126.2

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 621 FOR THIS SUMMARY.

R03-112-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1974 DISTRICT 113 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	48.0	17799.0	17847.0	3348.0	249.0	3597.0	21444.0
MEAN NO./ SQ. METER ^{2/}	0.4	156.7	157.1	29.5	2.2	31.7	188.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	125.0	4615.0	4615.0	1085.0	360.0	1120.0	4615.0
STANDARD DEVIATIONS / SQ. METER	6.0	489.9	490.0	110.5	18.4	113.3	511.9

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	417.0	417.0	48.0	12.0	60.0	477.0
MEAN NO./ SQ. METER ^{2/}	0.0	3.7	3.7	0.4	0.1	0.5	4.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	535.0	535.0	125.0	60.0	125.0	565.0
STANDARD DEVIATIONS / SQ. METER	0.0	36.5	36.5	5.7	2.5	6.2	38.7

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X .5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 568 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1974 DISTRICT 114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	140.0	11621.0	11761.0	2526.0	323.0	2849.0	14610.0
MEAN NO./ SQ. METER ^{2/}	1.6	132.1	133.6	28.7	3.7	32.4	166.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	250.0	3135.0	3135.0	1050.0	320.0	1050.0	3190.0
STANDARD DEVIATIONS / SQ. METER	16.7	399.8	401.5	111.6	23.0	115.1	431.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	268.0	268.0	27.0	16.0	43.0	311.0
MEAN NO./ SQ. METER ^{2/}	0.0	3.0	3.0	0.3	0.2	0.5	3.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	425.0	425.0	135.0	60.0	155.0	425.0
STANDARD DEVIATIONS / SQ. METER	0.0	30.8	30.8	6.4	3.0	7.9	33.7

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 440 FOR THIS SUMMARY.

R05-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1974 DISTRICTS 109-114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	377.0	59163.0	59540.0	12547.0	1934.0	14481.0	74021.0
MEAN NO./ SQ. METER ^{2/}	0.7	113.0	113.7	24.0	3.7	27.7	141.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	710.0	4615.0	4615.0	1550.0	1000.0	1550.0	4615.0
STANDARD DEVIATIONS / SQ. METER	15.8	389.9	390.6	101.6	36.1	110.6	418.0
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	7.0	5538.0	5545.0	3009.0	1337.0	4346.0	9891.0
MEAN NO./ SQ. METER ^{2/}	0.0	10.6	10.6	5.7	2.6	8.3	18.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	30.0	2845.0	2845.0	2360.0	1100.0	2360.0	4060.0
STANDARD DEVIATIONS / SQ. METER	0.6	99.5	99.5	68.1	36.7	78.8	144.8

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 2618 FOR THIS SUMMARY.

R06-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1974 SOUTHEASTERN ALASKA SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	1531.0	89980.0	91511.0	28041.0	3712.0	31753.0	123264.0
MEAN NO./ SQ. METER ^{2/}	1.4	82.9	84.3	25.8	3.4	29.2	113.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	1800.0	4615.0	4615.0	2115.0	1000.0	2115.0	4615.0
STANDARD DEVIATIONS / SQ. METER	29.4	311.2	312.9	104.8	32.5	111.4	342.6
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	152.0	8380.0	8532.0	5180.0	1401.0	6581.0	15113.0
MEAN NO./ SQ. METER ^{2/}	0.1	7.7	7.9	4.8	1.3	6.1	13.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	190.0	2845.0	2845.0	2360.0	1100.0	2360.0	4060.0
STANDARD DEVIATIONS / SQ. METER	4.5	78.4	78.7	59.9	25.6	66.2	115.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 5430 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1975 DISTRICT 101 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	9.0	3870.0	3879.0	4740.0	1011.0	5751.0	9630.0
MEAN NO./ SQ. METER ^{2/}	0.1	31.0	31.0	37.9	8.1	46.0	77.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	15.0	1200.0	1200.0	1500.0	375.0	1500.0	1505.0
STANDARD DEVIATIONS / SQ. METER	1.0	118.5	118.5	106.3	34.1	114.8	165.1

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	1.0	895.0	896.0	1620.0	94.0	1714.0	2610.0
MEAN NO./ SQ. METER ^{2/}	0.0	7.2	7.2	13.0	0.8	13.7	20.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	5.0	1920.0	1920.0	1125.0	250.0	1125.0	1920.0
STANDARD DEVIATIONS / SQ. METER	0.2	84.0	84.0	80.1	10.8	83.9	125.6

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 625 FOR THIS SUMMARY.

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1975 DISTRICT 102 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	6.0	4550.0	4556.0	1471.0	192.0	1663.0	6219.0
MEAN NO./ SQ. METER ^{2/}	0.1	42.5	42.6	13.7	1.8	15.5	58.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	30.0	2160.0	2160.0	500.0	175.0	500.0	2160.0
STANDARD DEVIATIONS / SQ. METER	1.3	170.7	170.7	50.4	13.7	52.2	183.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	210.0	2330.0	2540.0	2364.0	166.0	2530.0	5070.0
MEAN NO./ SQ. METER ^{2/}	2.0	21.8	23.7	22.1	1.6	23.6	47.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	550.0	1060.0	1060.0	850.0	325.0	850.0	1350.0
STANDARD DEVIATIONS / SQ. METER	32.1	100.0	107.2	86.2	15.8	88.6	146.6

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 535 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1975 DISTRICT 103 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	23.0	7378.0	7401.0	3585.0	1450.0	5035.0	12436.0
MEAN NO./ SQ. METER ^{2/}	0.1	44.7	44.9	21.7	8.8	30.5	75.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	50.0	1765.0	1765.0	750.0	625.0	825.0	1765.0
STANDARD DEVIATIONS / SQ. METER	2.2	161.0	161.0	64.0	44.8	80.6	183.9

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	505.0	505.0	52.0	6.0	58.0	563.0
MEAN NO./ SQ. METER ^{2/}	0.0	3.1	3.1	0.3	0.0	0.4	3.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1430.0	1430.0	100.0	15.0	110.0	1430.0
STANDARD DEVIATIONS / SQ. METER	0.0	52.5	52.5	4.4	0.7	4.8	52.8

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 825 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1975 DISTRICT 105 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	5025.0	5025.0	1701.0	62.0	1763.0	6788.0
MEAN NO./ SQ. METER ^{2/}	0.0	73.5	73.5	24.9	0.9	25.8	99.2
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2355.0	2355.0	1000.0	125.0	1000.0	2355.0
STANDARD DEVIATIONS / SQ. METER	0.0	263.7	263.7	103.1	7.9	103.8	294.1

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	57.0	57.0	61.0	0.0	61.0	118.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.8	0.8	0.9	0.0	0.9	1.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	200.0	200.0	300.0	0.0	300.0	500.0
STANDARD DEVIATIONS / SQ. METER	0.0	11.5	11.5	16.2	0.0	16.2	27.3

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 342 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1975 DISTRICT 106 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	2366.0	2366.0	350.0	784.0	1134.0	3500.0
MEAN NO./ SQ. METER ^{2/}	0.0	40.8	40.8	6.0	13.5	19.6	60.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1140.0	1140.0	175.0	1500.0	1500.0	2640.0
STANDARD DEVIATIONS / SQ. METER	0.0	155.2	155.2	25.1	99.1	101.7	217.6

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1.0	1.0	29.0	0.0	29.0	30.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.5	0.0	0.5	0.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	5.0	5.0	125.0	0.0	125.0	125.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.3	0.3	7.4	0.0	7.4	7.4

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 290 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1975 DISTRICT 107 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	3924.0	3924.0	1073.0	919.0	1992.0	5916.0
MEAN NO./ SQ. METER ^{2/}	0.0	53.0	53.0	14.5	12.4	26.9	79.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	1675.0	1675.0	625.0	375.0	625.0	1675.0
STANDARD DEVIATIONS / SQ. METER	0.0	146.8	146.8	56.5	50.7	74.2	161.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	2.0	2.0	0.0	0.0	0.0	2.0
MEAN NO./ SQ. METER ^{2/}	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	5.0	5.0	0.0	0.0	0.0	5.0
STANDARD DEVIATIONS / SQ. METER	0.0	0.4	0.4	0.0	0.0	0.0	0.4

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 370 FOR THIS SUMMARY.

R04-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1975 DISTRICTS 101 - 108 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	38.0	27113.0	27151.0	12920.0	4418.0	17338.0	44489.0
MEAN NO./ SQ. METER ^{2/}	0.1	45.4	45.4	21.6	7.4	29.0	74.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	50.0	2355.0	2355.0	1500.0	1500.0	1500.0	2640.0
STANDARD DEVIATIONS / SQ. METER	1.4	168.5	168.5	75.6	46.1	89.7	197.1

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
SOUTHERN TOTALS ^{1/}	211.0	3790.0	4001.0	4126.0	266.0	4392.0	8393.0
MEAN NO./ SQ. METER ^{2/}	0.4	6.3	6.7	6.9	0.4	7.4	14.0
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	550.0	1920.0	1920.0	1125.0	325.0	1125.0	1920.0
STANDARD DEVIATIONS / SQ. METER	13.6	64.0	66.1	52.8	8.3	54.8	91.1

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 2987 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1975 DISTRICT 109 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	6149.0	6149.0	1219.0	990.0	2209.0	8358.0
MEAN NO./ SQ. METER ^{2/}	0.0	76.1	76.1	15.1	12.3	27.3	103.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	3090.0	3090.0	740.0	930.0	930.0	3135.0
STANDARD DEVIATIONS / SQ. METER	0.0	271.0	271.0	66.3	79.0	103.9	301.3

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	51.0	609.0	660.0	302.0	3.0	305.0	965.0
MEAN NO./ SQ. METER ^{2/}	0.6	7.5	8.2	3.7	0.0	3.8	11.9
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	160.0	1055.0	1055.0	810.0	15.0	825.0	1165.0
STANDARD DEVIATIONS / SQ. METER	9.2	64.1	64.7	47.1	0.7	47.8	89.0

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 404 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1975 DISTRICT 110 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	21.0	13273.0	13294.0	2982.0	447.0	3429.0	16723.0
MEAN NO./ SQ. METER ^{2/}	0.3	170.2	170.4	38.2	5.7	44.0	214.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	75.0	3515.0	3515.0	1635.0	525.0	1655.0	3515.0
STANDARD DEVIATIONS / SQ. METER	3.9	439.5	439.6	147.9	33.7	152.7	459.9

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	30.0	5786.0	5816.0	766.0	791.0	1557.0	7373.0
MEAN NO./ SQ. METER ^{2/}	0.4	74.2	74.6	9.8	10.1	20.0	94.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	145.0	3140.0	3140.0	1400.0	1370.0	1400.0	3240.0
STANDARD DEVIATIONS / SQ. METER	7.3	343.2	343.2	79.6	84.9	117.0	368.4

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 390 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1975 DISTRICT 111 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	94.0	14639.0	14733.0	2994.0	3104.0	6098.0	20831.0
MEAN NO./ SQ. METER ^{2/}	1.2	192.6	193.9	39.4	40.8	80.2	274.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	250.0	3280.0	3280.0	1500.0	1250.0	1500.0	3530.0
STANDARD DEVIATIONS / SQ. METER	14.9	497.6	498.4	127.9	123.5	185.4	536.0

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	7.0	1201.0	1208.0	477.0	178.0	655.0	1863.0
MEAN NO./ SQ. METER ^{2/}	0.1	15.8	15.9	6.3	2.3	8.6	24.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	30.0	2570.0	2570.0	650.0	500.0	650.0	2570.0
STANDARD DEVIATIONS / SQ. METER	1.6	167.8	167.8	45.2	27.9	52.9	175.5

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 380 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1975 DISTRICT 112 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	2.0	10379.0	10381.0	1383.0	581.0	1964.0	12345.0
MEAN NO./ SQ. METER ^{2/}	0.0	81.6	81.6	10.9	4.6	15.4	97.1
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	10.0	5540.0	5540.0	1000.0	1305.0	1305.0	5540.0
STANDARD DEVIATIONS / SQ. METER	0.4	364.9	364.9	67.9	55.6	88.5	392.4

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	49.0	561.0	610.0	226.0	1.0	227.0	837.0
MEAN NO./ SQ. METER ^{2/}	0.4	4.4	4.8	1.8	0.0	1.8	6.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	200.0	1005.0	1005.0	465.0	5.0	465.0	1005.0
STANDARD DEVIATIONS / SQ. METER	8.0	48.5	49.4	23.2	0.2	23.2	55.8

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 636 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1975 DISTRICT 113 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	7118.0	7118.0	1398.0	111.0	1509.0	8627.0
MEAN NO./ SQ. METER ^{2/}	0.0	62.5	62.5	12.3	1.0	13.3	75.8
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2225.0	2225.0	750.0	250.0	750.0	2250.0
STANDARD DEVIATIONS / SQ. METER	0.0	252.2	252.2	60.5	11.7	63.3	264.9

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
DISTRICT TOTALS ^{1/}	0.0	1137.0	1137.0	34.0	3.0	37.0	1174.0
MEAN NO./ SQ. METER ^{2/}	0.0	10.0	10.0	0.3	0.0	0.3	10.3
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	2070.0	2070.0	150.0	15.0	150.0	2070.0
STANDARD DEVIATIONS / SQ. METER	0.0	112.5	112.5	6.3	0.6	6.3	112.9

NOTE 1. THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2. DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 569 FOR THIS SUMMARY.

R03-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1975 DISTRICT 114 SUMMARY STATISTICS

	PINK SALMON DATA					ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	0.0	1113.0	1113.0	337.0	48.0	385.0
MEAN NO./ SQ. METER ^{2/}	0.0	12.9	12.9	3.9	0.6	4.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	0.0	820.0	820.0	500.0	125.0	500.0
STANDARD DEVIATIONS / SQ. METER	0.0	78.6	78.6	29.8	6.9	31.1

	CHUM SALMON DATA					ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL
DISTRICT TOTALS ^{1/}	3.0	909.0	912.0	38.0	1.0	39.0
MEAN NO./ SQ. METER ^{2/}	0.0	10.6	10.6	0.4	0.0	0.5
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	15.0	1830.0	1830.0	100.0	5.0	100.0
STANDARD DEVIATIONS / SQ. METER	0.7	113.8	113.9	5.5	0.2	5.6

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X ⁵.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 430 FOR THIS SUMMARY.

205-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1975 DISTRICTS 109-114 SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	117.0	52671.0	52788.0	10313.0	5281.0	15594.0	68382.0
MEAN NO./ SQ. METER ^{2/}	0.2	93.8	94.0	18.4	9.4	27.8	121.7
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	250.0	5540.0	5540.0	1635.0	1305.0	1655.0	5540.0
STANDARD DEVIATIONS / SQ. METER	5.7	343.6	343.8	89.2	63.4	112.8	371.5

	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
NORTHERN TOTALS ^{1/}	140.0	10203.0	10343.0	1843.0	977.0	2820.0	13163.0
MEAN NO./ SQ. METER ^{2/}	0.2	18.2	18.4	3.3	1.7	5.0	23.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	200.0	3140.0	3140.0	1400.0	1370.0	1400.0	3240.0
STANDARD DEVIATIONS / SQ. METER	5.9	162.2	162.3	40.2	33.4	52.7	173.8

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 2809 FOR THIS SUMMARY.

R06-11Z-0002

ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES

APPENDIX A

*** SOUTHEASTERN ALASKA PRE-EMERGENT PINK AND CHUM SALMON DATA ***

1975 SOUTHEASTERN ALASKA SUMMARY STATISTICS

	PINK SALMON DATA						ALL PINK SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	155.0	79784.0	79939.0	23233.0	9699.0	32932.0	112871.0
MEAN NO./ SQ. METER ^{2/}	0.1	68.8	69.0	20.0	8.4	28.4	97.4
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	250.0	5540.0	5540.0	1635.0	1500.0	1655.0	5540.0
STANDARD DEVIATIONS / SQ. METER	4.1	269.1	269.2	82.5	55.2	101.5	295.7
	CHUM SALMON DATA						ALL CHUM SALMON
	LIVE EGGS	LIVE FRY	LIVE TOTAL	DEAD EGGS	DEAD FRY	DEAD TOTAL	
YEAR TOTALS ^{1/}	351.0	13993.0	14344.0	5969.0	1243.0	7212.0	21556.0
MEAN NO./ SQ. METER ^{2/}	0.3	12.1	12.4	5.1	1.1	6.2	18.6
MINIMUMS / SQ. METER	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAXIMUMS / SQ. METER	550.0	3140.0	3140.0	1400.0	1370.0	1400.0	3240.0
STANDARD DEVIATIONS / SQ. METER	10.6	122.0	122.7	47.2	24.0	53.8	137.6

NOTE 1: THESE TOTALS ARE BASED ON THE RAW DATA.

NOTE 2: DENSITY = (TOTALS / NUMBER OF DIGS) X 5.
(AREA SAMPLED BY SAMPLING FRAME = 0.2 SQ. METERS.)

THE TOTAL NUMBER OF POINTS DUG WERE 5796 FOR THIS SUMMARY.

APPENDIX B

Appendix B. Summary by district and years 1963-1968 and 1969-1975 of live pink salmon eggs and fry, including number of digs (samples), density, and standard deviation for each stream and study area.

R02-11Z-CENS ALASKA DEPARTMENT OF FISH AND GAME 05/27/75

APPENDIX B DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 101

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1963	1964	1965	1966	1967	1968
101-27-36 BOSTWICK CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	40 1.5 8.7	76 78.2 202.1
101-30-83 HUMPBACK CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	201 86.6 194.0	180 69.1 215.1	200 22.1 87.6	200 116.2 225.1
101-30-83 HUMPBACK CREEK	7	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	5 538.0 611.2	10 20.5 64.8	0 0.0 0.0	0 0.0 0.0
101-41-67 NADZAHEEN CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	51 320.9 594.7	40 229.4 427.6	0 0.0 0.0	40 35.0 117.2
101-45-24 WHITE RIVER	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	88 41.5 155.1
101-45-24 WHITE RIVER	7	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	20 49.5 190.8	20 28.8 71.0
101-45-24 WHITE RIVER	8	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	20 36.7 114.2	20 1.7 6.7
101-45-24 WHITE RIVER	9	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	20 39.7 119.3	19 32.9 130.3
101-55- 9 CABIN CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	80 104.4 411.8	0 0.0 0.0
101-55- 9 CABIN CREEK	7	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	40 0.0 0.0	20 0.0 0.0
101-55- 9 CABIN CREEK	8	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	34 14.4 65.2	0 0.0 0.0	0 0.0 0.0
101-71-63 PORTAGE CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	40 81.9 169.0	35 0.1 0.8

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APPENDIX B DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 101

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1963	1964	1965	1966	1967	1968
101-71-63 PORTAGE CREEK	3 DOWNSTREAM	NO. OF DIGS	0	0	0	0	20	65
		DENSITY	0.0	0.0	0.0	0.0	6.7	0.0
		STD. DEV.	0.0	0.0	0.0	0.0	19.1	0.0
101-75- 5 HERMAN CREEK	1 UPSTREAM	NO. OF DIGS	0	0	0	0	0	30
		DENSITY	0.0	0.0	0.0	0.0	0.0	7.3
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	30.0
101-75- 5 HERMAN CREEK	2 DOWNSTREAM	NO. OF DIGS	0	0	0	15	0	57
		DENSITY	0.0	0.0	0.0	0.0	0.0	0.1
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	0.7
101-75- 5 HERMAN CREEK	7 DOWNSTREAM	NO. OF DIGS	0	0	20	0	0	0
		DENSITY	0.0	0.0	49.5	0.0	0.0	0.0
		STD. DEV.	0.0	0.0	124.9	0.0	0.0	0.0
101-75-15 EULACHON RIVER	1 UPSTREAM	NO. OF DIGS	0	0	0	0	0	55
		DENSITY	0.0	0.0	0.0	0.0	0.0	0.0
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	0.0
101-90-29 TRAITORS COVE CREEK	1 DOWNSTREAM	NO. OF DIGS	0	200	35	31	40	117
		DENSITY	0.0	341.7	182.0	58.9	244.6	32.4
		STD. DEV.	0.0	547.0	243.1	152.2	547.7	101.9
101-90-29 TRAITORS COVE CREEK	7 DOWNSTREAM	NO. OF DIGS	0	100	0	0	0	0
		DENSITY	0.0	0.5	0.0	0.0	0.0	0.0
		STD. DEV.	0.0	2.5	0.0	0.0	0.0	0.0
101-90-50 NAHA RIVER	1 UPSTREAM	NO. OF DIGS	0	0	0	0	0	105
		DENSITY	0.0	0.0	0.0	0.0	0.0	34.6
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	89.2

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ALASKA DEPARTMENT OF FISH AND GAME
APPENDIX E DIVISION OF COMMERCIAL FISHERIES

05/27/75

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 101

STREAM NUMBER	STUDY AREA	STREAM AREA	1969	1970	1971	1972	1973	1974	1975
101-27-36	1 DOWNSTREAM	BOSTWICK CREEK	NO. OF DIGS 90	100	45	55	45	55	55
			DENSITY 36.2	53.1	2.4	71.7	140.9	3.9	65.3
			STD. DEV. 111.5	189.3	16.4	242.3	543.0	13.8	192.9
101-30-83	1 DOWNSTREAM	HUMPBACK CREEK	NO. OF DIGS 200	200	45	45	45	45	45
			DENSITY 107.7	19.0	55.6	52.2	108.3	24.8	17.3
			STD. DEV. 240.7	68.0	159.4	132.9	275.8	75.7	32.3
101-41-67	1 DOWNSTREAM	NADZAHEEN CREEK	NO. OF DIGS 155	155	45	45	45	45	45
			DENSITY 205.0	240.7	177.9	185.0	124.6	58.2	13.1
			STD. DEV. 446.2	522.1	472.4	0.0	234.3	146.4	45.1
101-45-24	1 UPSTREAM	WHITE RIVER	NO. OF DIGS 85	85	70	70	70	70	60
			DENSITY 13.1	245.8	48.1	152.6	96.0	36.2	20.0
			STD. DEV. 58.4	477.2	201.5	286.0	297.9	90.7	58.9
101-55-9	1 DOWNSTREAM	CABIN CREEK	NO. OF DIGS 70	70	55	55	55	55	55
			DENSITY 117.4	149.0	140.4	125.5	57.5	27.0	7.9
			STD. DEV. 212.3	232.5	339.5	275.9	135.2	87.6	26.8
101-55-9	7 DOWNSTREAM	CABIN CREEK	NO. OF DIGS 40	0	0	0	0	0	0
			DENSITY 1.5	0.0	0.0	0.0	0.0	0.0	0.0
			STD. DEV. 8.7	0.0	0.0	0.0	0.0	0.0	0.0
101-55-20	1 UPSTREAM	WILSON RIVER	NO. OF DIGS 0	0	0	20	20	20	20
			DENSITY 0.0	0.0	0.0	0.2	3.0	97.5	13.5
			STD. DEV. 0.0	0.0	0.0	1.1	7.1	219.1	37.7
101-55-20	2 UPSTREAM	WILSON RIVER	NO. OF DIGS 0	0	0	20	20	20	20
			DENSITY 0.0	0.0	0.0	81.3	156.3	81.0	12.0
			STD. DEV. 0.0	0.0	0.0	115.7	319.5	122.9	27.9
101-55-20	3 UPSTREAM	WILSON RIVER	NO. OF DIGS 0	0	0	30	30	30	30
			DENSITY 0.0	0.0	0.0	296.3	106.7	158.5	23.0
			STD. DEV. 0.0	0.0	0.0	497.4	133.9	222.2	59.8
101-71-63	1 UPSTREAM	PORTAGE CREEK	NO. OF DIGS 40	0	30	30	30	30	30
			DENSITY 73.5	0.0	49.0	27.7	198.7	0.0	74.8
			STD. DEV. 185.0	0.0	110.5	97.3	373.3	0.0	155.8
101-71-63	2 UPSTREAM	PORTAGE CREEK	NO. OF DIGS 0	0	0	30	30	30	30
			DENSITY 0.0	0.0	0.0	2.0	6.2	0.0	59.8
			STD. DEV. 0.0	0.0	0.0	11.0	29.2	0.0	221.8
101-71-63	3 DOWNSTREAM	PORTAGE CREEK	NO. OF DIGS 0	0	30	0	0	0	0
			DENSITY 0.0	0.0	0.3	0.0	0.0	0.0	0.0
			STD. DEV. 0.0	0.0	1.8	0.0	0.0	0.0	0.0

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APPENDIX E DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 101

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1969	1970	1971	1972	1973	1974	1975
101-75- 5 HERMAN CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	30 150.0 237.7	30 12.7 39.6	20 66.3 138.4	20 0.0 0.0	20 38.2 106.0	20 16.0 54.5
101-75- 5 HERMAN CREEK	2	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	55 97.6 275.2	35 0.0 0.0	55 156.6 299.1	55 2.3 16.9	55 111.5 333.4	55 7.7 35.3
101-75-15 EULACHON RIVER	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	55 135.4 316.1	54 7.2 51.0	40 104.0 279.3	40 8.2 48.2	40 92.0 347.4	40 0.6 2.0
101-90-29 TRAITORS COVE CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	100 68.5 159.0	100 221.8 322.3	100 47.5 176.6	85 239.5 1.5	85 202.9 481.4	85 10.8 36.7
101-90-50 NAHA RIVER	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	92 121.2 197.6	105 33.5 88.8	45 17.6 74.2	45 11.6 31.7	45 27.2 67.1	45 12.3 34.5
									189.5 69.9 198.8

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 APPENDIX E DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
 NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 102

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1963	1964	1965	1966	1967	1968
102-40-60 LAGOON CREEK	2	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	15 71.0 167.3
102-40-60 LAGOON CREEK	3	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	54 67.4 192.1	57 74.8 296.2
102-40-60 LAGOON CREEK	7	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	20 207.5 534.3	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0
102-40-87 SUNNY CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	16 867.5 934.7	25 78.6 204.5	0 0.0 0.0	75 57.5 133.4
102-60-24 OLD TCM CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	50 46.2 167.6	33 3.0 17.4	0 0.0 0.0	0 0.0 0.0	65 20.4 78.0
102-60-72 TWELVE MILE CREEK	2	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	65 48.5 107.2	50 19.4 82.7	54 162.2 375.3	56 122.3 349.4	56 159.9 302.4
102-60-82 HARRIS RIVER	3	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	50 143.5 207.9	50 99.1 170.9	0 0.0 0.0	70 239.5 451.4	40 116.9 207.7
102-60-82 HARRIS RIVER	7	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	20 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0
102-60-82 HARRIS RIVER	8	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	33 18.9 76.8	50 7.6 37.4	0 0.0 0.0	50 9.1 28.3
102-60-82 HARRIS RIVER	9	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	51 69.8 322.7	25 10.8 37.7	50 65.4 262.0	0 0.0 0.0	0 0.0 0.0

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ALASKA DEPARTMENT OF FISH AND GAME

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APPENDIX E

DIVISION OF COMMERCIAL FISHERIES

**SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION**

DISTRICT: 102

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1969	1970	1971	1972	1973	1974	1975
102-30-17 JOHNSON COVE	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	40 30.2 94.1
102-30-28 PERKINS CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	20 27.2 51.2
102-30-51 FREDRICK CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	40 16.1 60.6
102-30-87 AIKEN COVE	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	40 0.0 0.0
102-40-17 KITKUM BAY	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	40 0.0 0.0
102-40-43 DISAPPEARANCE CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	45 1.8 11.9	45 2.9 17.9
102-40-60 LAGOON CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	40 0.0 0.0
102-40-60 LAGOON CREEK	2	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	10 23.0 71.0	10 60.0 88.8	10 341.5 788.5	10 598.5 694.6	10 66.5 203.3	10 3.0 9.5
102-40-60 LAGOON CREEK	3	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	60 25.0 87.5	60 48.4 130.8	30 12.2 22.3	30 42.3 99.7	30 38.8 125.0	30 42.8 131.1
102-40-87 SUNNY CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	75 183.3 415.1	75 458.9 606.9	50 120.0 329.4	50 521.6 743.1	45 20.0 42.4	50 120.2 296.8
102-60-24 OLD TOM CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	64 48.1 127.1	50 35.6 171.0	45 19.1 79.2	45 110.3 1.7	45 33.4 98.8	45 10.9 27.3
102-60-72 TWELVE MILE CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	40 23.0 62.9	40 60.1 178.8	30 31.0 157.7	30 8.0 29.1	35 5.0 16.8	35 1.3 7.6
									35 3.7 12.6

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APPENDIX B

DIVISION OF COMMERCIAL FISHERIES

**SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION**

DISTRICT: 102

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1969	1970	1971	1972	1973	1974	1975
102-60-72 TWELVE MILE CREEK	2	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	60 223.5 436.1	60 173.2 324.1	40 79.4 171.7	30 148.8 297.1	35 146.3 290.4	35 49.4 123.6
102-60-82 HARRIS RIVER	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	20 18.5 60.1	20 0.0 0.0	20 0.2 1.1
102-60-82 HARRIS RIVER	2	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	25 208.2 509.5	25 0.0 0.0	25 6.4 24.3
102-60-82 HARRIS RIVER	3	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	45 122.0 287.6	50 296.6 435.1	45 106.6 372.3	45 310.6 460.0	45 102.4 166.4	45 13.3 55.0
									45 65.4 145.5

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APPENDIX E DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 103

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA		1963	1964	1965	1966	1967	1968
103-11-17 HUNTER BAY E HEAD	1	UPSTREAM	NO. OF DIGS	0	0	0	0	50	108
			DENSITY	0.0	0.0	0.0	0.0	90.5	7.6
			STD. DEV.	0.0	0.0	0.0	0.0	297.4	34.3
103-21-8 NUTKWA CREEK	1	UPSTREAM	NO. OF DIGS	0	0	0	60	60	0
			DENSITY	0.0	0.0	0.0	153.2	244.3	0.0
			STD. DEV.	0.0	0.0	0.0	540.5	501.9	0.0
103-25-30 HETTA PORTAGE CREEK	1	DOWNSTREAM	NO. OF DIGS	0	28	0	0	30	38
			DENSITY	0.0	327.9	0.0	0.0	148.0	67.8
			STD. DEV.	0.0	484.2	0.0	0.0	194.2	197.1
103-25-47 HETTA LAKE CREEK	1	DOWNSTREAM	NO. OF DIGS	0	32	0	29	40	29
			DENSITY	0.0	382.3	0.0	126.9	286.5	111.7
			STD. DEV.	0.0	413.2	0.0	191.9	393.0	166.1
103-30-43 VESTA BAY	1	DOWNSTREAM	NO. OF DIGS	0	0	0	0	20	20
			DENSITY	0.0	0.0	0.0	0.0	319.2	1.7
			STD. DEV.	0.0	0.0	0.0	0.0	495.9	5.9
103-40-48 DUNBAR INLET N SHORE	1	DOWNSTREAM	NO. OF DIGS	0	0	0	0	20	20
			DENSITY	0.0	0.0	0.0	0.0	510.0	20.7
			STD. DEV.	0.0	0.0	0.0	0.0	839.5	73.2
103-60-47 KLAWCOK RIVER	1	DOWNSTREAM	NO. OF DIGS	0	24	40	40	140	155
			DENSITY	0.0	239.2	337.7	147.6	369.7	296.2
			STD. DEV.	0.0	321.9	405.5	231.8	468.8	529.9
103-60-59 PORT ST NICKOLAS HO	1	DOWNSTREAM	NO. OF DIGS	0	57	70	40	100	80
			DENSITY	0.0	198.9	181.4	37.2	473.8	41.3
			STD. DEV.	0.0	372.3	366.4	125.5	841.6	106.3
103-60-75 TROCADERO BAY	1	DOWNSTREAM	NO. OF DIGS	0	36	0	0	0	65
			DENSITY	0.0	245.8	0.0	0.0	0.0	0.2
			STD. DEV.	0.0	508.4	0.0	0.0	0.0	1.9
103-60-75 TROCADERO BAY	7	DOWNSTREAM	NO. OF DIGS	0	0	0	40	0	0
			DENSITY	0.0	0.0	0.0	5.6	0.0	0.0
			STD. DEV.	0.0	0.0	0.0	35.6	0.0	0.0
103-90-30 STANLEY CREEK	1	UPSTREAM	NO. OF DIGS	0	0	0	50	50	50
			DENSITY	0.0	0.0	0.0	5.8	2.3	98.3
			STD. DEV.	0.0	0.0	0.0	34.8	14.3	199.3
103-90-30 STANFY CREEK	2	UPSTREAM	NO. OF DIGS	0	0	0	50	50	49
			DENSITY	0.0	0.0	0.0	17.3	78.0	13.3
			STD. DEV.	0.0	0.0	0.0	62.3	248.1	73.2

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A L A S K A D E P A R T M E N T O F F I S H A N D G A M E

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APPENDIX E

D I V I S I O N O F C O M M E R C I A L F I S H E R I E S

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
 NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 103

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1963	1964	1965	1966	1967	1968
103-90-30 STANFY CREEK	3	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	20 0.0 0.0	50 58.3 238.7
103-90-42 SHAHEEN CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	70 0.0 0.0
103-90-58 CHARLEY CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	20 10.0 28.7	20 58.0 116.1
103-90-58 CHARLEY CREEK	7	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	20 58.0 116.1	0 0.0 0.0

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SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
 NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 103

STREAM NUMBER	STUDY AREA	STREAM AREA		1969	1970	1971	1972	1973	1974	1975
103-11-17	1	UPSTREAM	NO. OF DIGS	110	110	90	90	75	75	75
HUNTER BAY E HEAD			DENSITY	8.6	0.0	0.1	1.9	17.7	10.1	17.1
			STD. DEV.	26.7	0.0	0.5	8.1	107.0	74.6	61.7
103-21-8	1	UPSTREAM	NO. OF DIGS	60	60	60	60	60	60	60
NUTKWA CREEK			DENSITY	150.6	138.6	97.9	3.8	1.8	19.2	14.7
			STD. DEV.	451.4	313.2	361.1	15.6	9.5	66.3	68.4
103-25-30	1	DOWNSTREAM	NO. OF DIGS	38	40	40	45	40	40	45
HETTA PORTAGE CREEK			DENSITY	218.9	296.6	564.4	338.4	129.0	101.0	123.2
			STD. DEV.	382.4	540.1	957.3	2.6	331.1	193.9	352.3
103-25-47	1	DOWNSTREAM	NO. OF DIGS	30	30	40	40	40	40	40
HETTA LAKE CREEK			DENSITY	243.0	445.7	375.2	683.0	530.7	618.9	186.5
			STD. DEV.	361.9	587.0	514.4	693.3	660.9	861.3	310.6
103-30-43	1	DOWNSTREAM	NO. OF DIGS	20	20	40	40	40	40	40
VESTA BAY			DENSITY	148.5	1.0	168.9	29.4	46.1	101.7	4.1
			STD. DEV.	366.5	4.5	441.9	177.1	199.8	320.7	15.6
103-40-48	1	DOWNSTREAM	NO. OF DIGS	10	20	0	40	40	40	40
DUNBAR INLET N SHORE			DENSITY	0.0	18.8	0.0	57.4	43.8	14.4	24.6
			STD. DEV.	0.0	81.5	0.0	253.3	157.1	78.3	105.8
103-60-13	1	UPSTREAM	NO. OF DIGS	0	50	30	30	30	30	30
SHINAKU CREEK			DENSITY	0.0	87.7	0.0	19.2	0.0	32.2	0.0
			STD. DEV.	0.0	160.9	0.0	58.9	0.0	176.2	0.0
103-60-13	2	UPSTREAM	NO. OF DIGS	0	50	40	40	40	40	40
SHINAKU CREEK			DENSITY	0.0	24.5	0.0	40.5	0.4	12.1	0.0
			STD. DEV.	0.0	56.0	0.0	94.4	2.4	46.4	0.0
103-60-29	1	UPSTREAM	NO. OF DIGS	0	85	90	90	80	90	90
STEELHEAD CREEK			DENSITY	0.0	103.7	0.0	84.0	7.9	16.1	0.0
			STD. DEV.	0.0	219.3	0.0	245.7	69.3	113.8	0.0
103-60-47	1	DOWNSTREAM	NO. OF DIGS	165	165	45	45	45	45	45
KLAWOCK RIVER			DENSITY	330.6	201.7	529.3	240.6	438.2	188.4	206.7
			STD. DEV.	422.3	363.6	602.9	463.1	728.9	363.5	262.0
103-60-59	1	DOWNSTREAM	NO. OF DIGS	70	70	95	95	95	95	90
PORT ST NICKOLAS HD			DENSITY	134.8	220.0	158.0	126.3	67.1	26.8	96.5
			STD. DEV.	250.7	358.7	407.2	235.6	244.0	91.7	208.9
103-60-75	1	DOWNSTREAM	NO. OF DIGS	85	85	80	40	80	80	80
TROCADERO BAY			DENSITY	133.1	48.8	305.8	179.5	0.0	5.1	20.0
			STD. DEV.	251.7	175.1	617.0	345.2	0.0	33.9	86.3

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 APPENDIX B DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
 NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 103

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1969	1970	1971	1972	1973	1974	1975
103-90-30 STANEY CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	50 0.0 0.0	20 0.0 0.0	20 28.8 76.2	20 0.0 0.0	20 0.0 0.0
103-90-30 STANEY CREEK	2	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	50 0.0 0.0	30 111.8 246.4	30 19.3 65.0	30 32.7 127.6	30 20.5 112.3
103-90-30 STANEY CREEK	3	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	50 13.2 76.0	20 86.5 186.7	0 0.0 0.0	20 71.5 175.5	20 0.0 0.0
103-90-42 SHAHEEN CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	65 0.0 0.0	70 36.1 119.0	40 0.0 0.0	40 56.3 165.6	40 0.0 0.0	40 0.2 1.1
103-90-58 CHARLEY CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	47 42.8 134.6	0 0.0 0.0	50 62.8 179.8	40 69.9 220.5	40 49.6 185.2	40 42.2 128.0
103-90-58 CHARLEY CREEK	7	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	47 26.4 164.7	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0

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APPENDIX E DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 105

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA		1963	1964	1965	1966	1967	1968
				NO. OF DIGS	DENSITY	STD. DEV.	NO. OF DIGS	DENSITY	STD. DEV.
105-10-24 BEAR HARBOR CREEK	1	DOWNTREAM	-1203-	0	0	0	0	0	16
				0.0	0.0	0.0	0.0	0.0	61.6
				0.0	0.0	0.0	0.0	0.0	144.6
105-10-24 BEAR HARBOR CREEK	2	DOWNTREAM		0	0	43	70	70	66
				0.0	0.0	54.2	8.0	15.8	3.1
				0.0	0.0	186.8	44.4	64.1	17.8
105-10-32 KELL BAY CREEK	1	DOWNTREAM		0	0	48	40	41	28
				0.0	0.0	265.4	2.1	118.0	32.3
				0.0	0.0	569.0	11.9	274.4	66.6
105-32- 4 TUNEHEAN CREEK	2	UPSTREAM		0	0	0	0	0	72
				0.0	0.0	0.0	0.0	0.0	22.2
				0.0	0.0	0.0	0.0	0.0	115.1
105-42- 5 CALDER CREEK	1	DOWNTREAM		0	0	0	0	16	48
				0.0	0.0	0.0	0.0	182.5	161.5
				0.0	0.0	0.0	0.0	287.3	309.8
105-42- 5 CALDER CREEK	7	DOWNTREAM		0	0	37	0	10	0
				0.0	0.0	191.8	0.0	0.0	0.0
				0.0	0.0	439.5	0.0	0.0	0.0
105-42- 9 EL CAPITAN CREEK	1	DOWNTREAM		0	0	0	0	0	30
				0.0	0.0	0.0	0.0	0.0	205.0
				0.0	0.0	0.0	0.0	0.0	533.9
105-50- 1 TROUT CK-KOSCIUSCO I	1	UPSTREAM		0	0	0	0	0	22
				0.0	0.0	0.0	0.0	0.0	188.2
105-50- 1 TROUT CK-KOSCIUSCO I	3	UPSTREAM		0	0	0	20	0	30
				0.0	0.0	0.0	88.2	0.0	116.8
				0.0	0.0	0.0	242.2	0.0	368.3
105-50- 1 TROUT CK-KOSCIUSCO I	7	UPSTREAM		0	0	0	20	0	0
				0.0	0.0	0.0	4.0	0.0	0.0
				0.0	0.0	0.0	13.2	0.0	0.0
105-50- 1 TROUT CK-KOSCIUSCO I	8	UPSTREAM		0	0	0	20	0	0
				0.0	0.0	0.0	30.7	0.0	0.0
				0.0	0.0	0.0	100.3	0.0	0.0

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 APPENDIX B DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
 NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 105

STREAM NUMBER	STUDY AREA	STREAM NAME	STUDY AREA	1969	1970	1971	1972	1973	1974	1975	
105-10-24	1	BEAR HARBOR CREEK	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	16 22.2 45.5	17 61.8 105.4	30 620.8 804.1	20 165.7 331.5	20 372.7 532.5	22 281.8 455.2	21 38.6 74.0
105-10-24	2	BEAR HARBOR CREEK	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	45 22.4 94.3	75 0.0 0.0	5 74.0 135.5	20 87.7 199.6	20 0.0 0.0	20 12.7 23.1	21 308.8 488.6
105-10-32	1	KELL BAY CREEK	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	28 401.6 615.8	28 4.6 10.5	35 249.0 426.3	40 82.9 238.2	40 448.4 769.8	40 187.1 327.4	40 55.4 142.4
105-32- 4	1	TUNEHEAN CREEK	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	30 104.3 326.3	30 19.0 61.6	30 385.7 579.2	30 3.7 14.0	30 300.3 642.4
105-32- 4	2	TUNEHEAN CREEK	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	72 31.7 165.0	72 4.0 19.7	30 70.5 172.8	30 111.8 371.4	30 18.3 54.9	30 0.7 3.7	31 18.1 65.6
105-32- 4	3	TUNEHEAN CREEK	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	30 165.3 423.2	30 70.0 286.3	30 96.5 226.2	30 1.7 9.1	29 1.9 6.6
105-42- 5	1	CALDER CREEK	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	47 78.9 188.8	48 111.3 272.7	45 120.8 184.4	60 315.9 587.5	60 60.7 138.2	60 163.9 252.4	60 24.2 96.7
105-42- 9	1	EL CAPITAN CREEK	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	32 133.8 261.8	37 122.3 228.6	45 98.1 232.2	40 217.7 412.8	40 50.9 130.9	40 159.5 362.6	40 91.1 207.2
105-50- 1	1	TROUT CK-KOSCIUSCO I	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	22 0.0 0.0	22 84.8 139.9	0 0.0 0.0	20 39.7 74.8	20 3.5 15.7	20 65.2 154.5	20 0.0 0.0
105-50- 1	2	TROUT CK-KOSCIUSCO I	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	22 0.0 0.0	22 79.5 192.5	0 0.0 0.0	20 95.0 151.0	20 0.0 0.0	20 30.0 82.6	20 0.0 0.0
105-50- 1	3	TROUT CK-KOSCIUSCO I	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	30 4.2 18.0	30 125.2 238.1	30 101.0 203.7	30 84.0 208.0	30 7.7 38.4	30 25.8 67.6	30 29.8 100.4

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APPENDIX B DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 106

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA		1963	1964	1965	1966	1967	1968
106-10-30 EAGLE CREEK	1	UPSTREAM	NO. OF DIGS	0	0	0	60	60	90
			DENSITY	0.0	0.0	0.0	29.7	389.6	217.7
			STD. DEV.	0.0	0.0	0.0	98.0	542.3	309.7
106-22-8 MOSMAN CREEK	1	DOWNSTREAM	NO. OF DIGS	0	20	20	20	0	43
			DENSITY	0.0	12.5	359.5	0.0	0.0	0.0
			STD. DEV.	0.0	55.9	516.4	0.0	0.0	0.0
106-30-80 108 CREEK-WHALE PASS	1	UPSTREAM	NO. OF DIGS	0	50	20	50	50	50
			DENSITY	0.0	231.4	422.7	26.6	144.8	34.8
			STD. DEV.	0.0	509.8	601.0	173.3	235.1	72.2
106-30-80 108 CREEK-WHALE PASS	2	UPSTREAM	NO. OF DIGS	0	50	30	50	50	50
			DENSITY	0.0	122.7	138.8	41.0	121.0	35.2
			STD. DEV.	0.0	404.1	239.5	155.9	187.3	118.1
106-30-80 108 CREEK-WHALE PASS	3	DOWNSTREAM	NO. OF DIGS	0	50	20	50	50	50
			DENSITY	0.0	28.5	161.7	0.0	103.4	61.6
			STD. DEV.	0.0	132.1	340.5	0.0	198.9	173.3
106-30-80 108 CREEK-WHALE PASS	7	UPSTREAM	NO. OF DIGS	0	40	80	40	0	0
			DENSITY	0.0	195.6	231.7	0.0	0.0	0.0
			STD. DEV.	0.0	473.0	448.3	0.0	0.0	0.0
106-30-80 108 CREEK-WHALE PASS	8	UPSTREAM	NO. OF DIGS	0	0	25	0	0	0
			DENSITY	0.0	0.0	75.0	0.0	0.0	0.0
			STD. DEV.	0.0	0.0	135.5	0.0	0.0	0.0
106-30-80 108 CREEK-WHALE PASS	9	DOWNSTREAM	NO. OF DIGS	35	0	0	0	0	0
			DENSITY	121.3	0.0	0.0	0.0	0.0	0.0
			STD. DEV.	371.9	0.0	0.0	0.0	0.0	0.0
106-44-60 PETERSBURG CREEK	1	UPSTREAM	NO. OF DIGS	0	0	0	0	0	89
			DENSITY	0.0	0.0	0.0	0.0	0.0	27.1
			STD. DEV.	0.0	0.0	0.0	0.0	0.0	121.6
106-44-60 PETERSBURG CREEK	7	UPSTREAM	NO. OF DIGS	0	0	0	0	15	0
			DENSITY	0.0	0.0	0.0	0.0	8.7	0.0
			STD. DEV.	0.0	0.0	0.0	0.0	20.2	0.0
106-44-60 PETERSBURG CREEK	8	DOWNSTREAM	NO. OF DIGS	0	0	0	0	20	0
			DENSITY	0.0	0.0	0.0	0.0	21.3	0.0
			STD. DEV.	0.0	0.0	0.0	0.0	87.1	0.0
106-44-60 PETERSBURG CREEK	9	DOWNSTREAM	NO. OF DIGS	0	20	20	0	0	0
			DENSITY	0.0	27.7	81.7	0.0	0.0	0.0
			STD. DEV.	0.0	75.3	145.4	0.0	0.0	0.0

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SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
 NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 106

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1969	1970	1971	1972	1973	1974	1975
106-10-30 EAGLE CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	90 365.8 645.7	87 150.1 232.4	40 97.5 208.3	40 71.4 141.4	40 471.5 559.1	40 203.8 489.3
106-22- 8 MCSMAN CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	53 16.2 74.5	55 56.2 243.2	52 119.7 296.7	45 21.7 114.7	45 9.0 43.6	45 13.1 86.4
106-30-80 108 CREEK-WHALE PASS	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	50 135.1 287.8	50 110.0 228.4	25 170.4 378.6	0 0.0 0.0	20 198.8 411.6	20 58.5 144.3
106-30-80 108 CREEK-WHALE PASS	2	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	50 93.1 225.6	50 192.6 330.6	25 119.4 274.6	20 290.2 427.7	20 123.0 289.2	20 100.7 181.2
106-30-80 108 CREEK-WHALE PASS	3	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	50 63.4 169.2	50 46.9 167.6	25 238.4 525.0	30 36.5 116.5	30 219.3 345.8	30 43.2 110.8
106-41-55 TOTEM CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	77 40.7 129.7	101 11.0 61.3	60 19.5 83.4	65 31.3 113.1	60 13.5 69.9	60 26.2 132.3
106-44-60 PETERSBURG CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	89 81.4 287.2	89 25.9 150.1	70 124.9 323.5	75 354.6 472.6	70 56.7 202.7	75 27.5 143.7

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SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
 NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 107

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA		1963	1964	1965	1966	1967	1968
107-20- 1 ANAN CREEK	1	UPSTREAM	NO. OF DIGS	0	0	20	20	20	20
			DENSITY	0.0	0.0	44.7	56.5	139.2	0.0
			STD. DEV.	0.0	0.0	70.0	252.7	241.9	0.0
107-20- 1 ANAN CREEK	2	UPSTREAM	NO. OF DIGS	0	0	20	20	20	20
			DENSITY	0.0	0.0	4.2	21.7	50.7	81.0
			STD. DEV.	0.0	0.0	12.3	46.0	115.9	126.3
107-20- 1 ANAN CREEK	3	UPSTREAM	NO. OF DIGS	0	198	199	200	200	200
			DENSITY	0.0	395.3	86.1	62.3	201.0	197.4
			STD. DEV.	0.0	531.8	240.3	185.2	397.0	323.3
107-20- 1 ANAN CREEK	7	DOWNSTREAM	NO. OF DIGS	0	0	0	0	20	15
			DENSITY	0.0	0.0	0.0	0.0	417.2	54.7
			STD. DEV.	0.0	0.0	0.0	0.0	598.3	132.7
107-30-70 SNAKE CREEK	1	UPSTREAM	NO. OF DIGS	45	61	40	60	40	86
			DENSITY	68.3	52.4	144.2	4.1	285.0	43.7
			STD. DEV.	152.5	139.8	262.0	18.1	552.0	119.0
107-40-55 EAGLE RIVER	1	DOWNSTREAM	NO. OF DIGS	0	38	60	0	50	0
			DENSITY	0.0	56.3	43.3	0.0	172.3	0.0
			STD. DEV.	0.0	197.4	98.5	0.0	319.0	0.0

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APPENDIX E

DIVISION OF COMMERCIAL FISHERIES

**SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION**

DISTRICT: 107

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA								
			1969	1970	1971	1972	1973	1974	1975	
107-10-30 BLACK BEAR CREEK	1	DOWNTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	60 235.7 424.1	60 220.8 427.7	60 80.6 281.5	60 55.7 220.1
107-20- 1 ANAN CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	25 36.2 96.9	20 179.7 397.5	30 232.0 367.6	30 42.8 126.7	30 1.3 2.9	30 17.3 77.8
107-20- 1 ANAN CREEK	2	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	25 196.4 561.2	0 0.0 0.0	30 259.2 444.0	30 32.7 53.8	30 116.2 359.7	30 85.7 146.7
107-20- 1 ANAN CREEK	3	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	200 220.2 390.5	193 181.6 308.8	110 284.6 542.0	100 217.3 430.0	75 149.0 335.4	100 178.9 282.8	100 86.9 170.5
107-30-7C SNAKE CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	86 63.7 134.4	86 115.3 207.9	65 124.5 240.4	60 77.1 178.1	60 101.3 185.8	60 42.5 107.3	60 34.1 95.0
107-40-55 EAGLE RIVER	1	DOWNTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	105 91.0 239.4	90 11.9 67.2	90 82.4 204.2	90 1.9 14.3	90 27.2 83.2

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SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 109

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA		1963	1964	1965	1966	1967	1968
109-20-16 REDBLUFF BAY S HEAD	1	DOWNSTREAM	NO. OF DIGS	0	0	0	0	50	50
			DENSITY	0.0	0.0	0.0	0.0	140.3	301.2
			STD. DEV.	0.0	0.0	0.0	0.0	248.4	493.0
109-30-3 ELIZA CREEK	1	DOWNSTREAM	NO. OF DIGS	0	27	50	40	53	105
			DENSITY	0.0	62.4	393.4	236.9	104.1	49.8
			STD. DEV.	0.0	146.8	613.9	470.8	203.1	209.1
109-30-25 LITTLE PYBUS BAY HD	1	UPSTREAM	NO. OF DIGS	0	0	0	0	40	84
			DENSITY	0.0	0.0	0.0	0.0	179.6	36.5
			STD. DEV.	0.0	0.0	0.0	0.0	445.6	153.2
109-52-35 KATLAKU LAKE STREAM	1	DOWNSTREAM	NO. OF DIGS	0	0	0	0	0	75
			DENSITY	0.0	0.0	0.0	0.0	0.0	52.5
			STD. DEV.	0.0	0.0	0.0	0.0	0.0	156.3
109-62-13 ALECKS CREEK	1	DOWNSTREAM	NO. OF DIGS	0	0	50	50	56	70
			DENSITY	0.0	0.0	271.5	0.4	126.9	108.8
			STD. DEV.	0.0	0.0	378.6	2.8	268.1	216.1

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DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 109

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1969	1970	1971	1972	1973	1974	1975
109-20-16 REDBLUFF BAY S HEAD	1 DOWNSTREAM	NO. OF DIGS	0	29	50	45	45	47	55
		DENSITY	0.0	230.5	221.9	322.9	10.3	41.4	31.2
		STD. DEV.	0.0	474.7	547.9	454.2	62.7	206.3	125.1
109-30- 3 ELIZA CREEK	1 DOWNSTREAM	NO. OF DIGS	95	95	65	60	60	57	59
		DENSITY	258.6	46.5	260.8	151.5	319.7	106.7	221.0
		STD. DEV.	444.6	141.5	427.0	290.8	578.4	327.8	460.6
109-30-25 LITTLE PYBUS BAY HD	1 UPSTREAM	NO. OF DIGS	84	85	25	55	45	45	60
		DENSITY	76.3	28.5	102.6	43.2	323.6	0.2	34.0
		STD. DEV.	142.7	87.7	164.6	156.4	540.3	1.0	119.3
109-30-25 LITTLE PYBUS BAY HD	2 UPSTREAM	NO. OF DIGS	0	0	50	50	45	40	35
		DENSITY	0.0	0.0	282.3	82.6	324.1	62.5	51.7
		STD. DEV.	0.0	0.0	657.2	235.2	484.3	297.7	181.8
109-45-10 SECURITY BAY	1 DOWNSTREAM	NO. OF DIGS	27	62	25	45	45	40	50
		DENSITY	111.7	38.1	221.6	169.6	75.6	54.4	12.2
		STD. DEV.	343.6	138.0	350.2	329.4	198.2	260.5	35.6
109-52- 8 ROWAN BAY SE HEAD	1 DOWNSTREAM	NO. OF DIGS	20	89	30	25	30	30	40
		DENSITY	417.2	27.1	81.2	0.6	57.8	112.2	20.6
		STD. DEV.	532.3	119.8	225.5	3.0	268.1	287.7	76.8
109-52-35 KATLAKU LAKE STREAM	1 DOWNSTREAM	NO. OF DIGS	60	75	45	40	40	36	45
		DENSITY	5.2	264.0	43.2	237.1	143.0	531.3	83.4
		STD. DEV.	40.7	529.0	103.8	349.2	484.6	899.4	207.0
109-62-13 ALECKS CREEK	1 DOWNSTREAM	NO. OF DIGS	71	71	65	60	50	60	60
		DENSITY	89.8	170.4	179.5	45.3	115.1	131.5	115.8
		STD. DEV.	258.4	459.4	439.4	172.3	398.4	565.9	420.0

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APPENDIX E

DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 110

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1963	1964	1965	1966	1967	1968
110-22-12 DCNKEY RAY S HEAD	1 DOWNSTREAM	NO. OF DIGS	0	25	25	0	0	97
		DENSITY	0.0	5.4	90.6	0.0	0.0	10.4
		STD. DEV.	0.0	25.0	200.1	0.0	0.0	91.7
110-23- 8 JOHNSTON CREEK	2 DOWNSTREAM	NO. OF DIGS	0	0	0	18	58	0
		DENSITY	0.0	0.0	0.0	0.0	62.0	0.0
		STD. DEV.	0.0	0.0	0.0	0.0	303.2	0.0
110-23-10 BOWMAN CREEK	1 DOWNSTREAM	NO. OF DIGS	0	0	0	0	30	66
		DENSITY	0.0	0.0	0.0	0.0	128.8	0.0
		STD. DEV.	0.0	0.0	0.0	0.0	492.3	0.0
110-33-13 LAURAS CREEK	1 DOWNSTREAM	NO. OF DIGS	0	130	35	40	55	130
		DENSITY	0.0	78.0	229.7	72.9	125.5	20.8
		STD. DEV.	0.0	261.2	737.1	149.3	298.1	145.4
110-34- 6 GLEN CREEK	1 DOWNSTREAM	NO. OF DIGS	0	0	25	50	39	129
		DENSITY	0.0	0.0	246.2	174.2	492.3	77.1
		STD. DEV.	0.0	0.0	429.8	492.1	971.5	238.9
110-34- 8 SANBORN CREEK	2 DOWNSTREAM	NO. OF DIGS	0	40	0	0	41	125
		DENSITY	0.0	120.1	0.0	0.0	139.6	69.0
		STD. DEV.	0.0	398.4	0.0	0.0	424.5	230.5

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 APPENDIX B DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
 NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 110

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1969	1970	1971	1972	1973	1974	1975
110-22-12 DONKEY BAY S HEAD	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	60 89.5 214.7	100 7.1 32.2	70 196.1 412.6	55 25.0 101.2	53 323.5 542.9	45 78.4 274.5
110-23- 8 JOHNSTON CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	50 80.5 344.9	50 165.9 250.3	40 43.8 275.1
110-23- 8 JOHNSTON CREEK	2	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	130 21.5 127.7	0 0.0 0.0	75 37.6 114.3	75 247.7 461.6	23 8.9 37.5
110-23-10 BOWMAN CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	60 216.5 452.7	65 11.2 90.5	55 320.9 731.6	45 3.1 17.9	45 286.3 571.3	45 188.2 657.2
110-33-13 LAURAS CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	90 186.3 375.8	95 191.9 330.8	50 191.4 335.1	55 197.5 492.1	55 38.5 211.3	50 191.8 348.1
110-34- 6 GLEN CREEK	1	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	58 304.1 557.4	115 86.8 272.9	95 371.9 581.1	75 251.2 506.8	69 212.2 428.5	75 114.9 291.4
110-34- 8 SANBORN CREEK	1	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	50 233.5 334.9	50 331.9 680.5	60 110.1 207.7
110-34- 8 SANBORN CREEK	2	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	50 69.4 208.7	80 93.6 332.5	65 189.1 386.4	40 76.7 176.1	40 78.5 201.7	35 49.4 157.0

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 APPENDIX B DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
 NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 111

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA		1963	1964	1965	1966	1967	1968
111-12-5 PLEASANT BAY CREEK	1	UPSTREAM	NO. OF DIGS	0	0	40	40	40	40
			DENSITY	0.0	0.0	84.4	65.2	83.8	31.0
			STD. DEV.	0.0	0.0	152.9	192.7	169.8	109.9
111-12-5 PLEASANT BAY CREEK	2	UPSTREAM	NO. OF DIGS	0	45	0	0	40	40
			DENSITY	0.0	201.1	0.0	0.0	259.7	9.4
			STD. DEV.	0.0	381.2	0.0	0.0	432.6	38.1
111-13-10 MOLE RIVER	2	DOWNSTREAM	NO. OF DIGS	0	0	0	0	0	115
			DENSITY	0.0	0.0	0.0	0.0	0.0	65.8
			STD. DEV.	0.0	0.0	0.0	0.0	0.0	198.5
111-15-20 WINDFALL CREEK	1	DOWNSTREAM	NO. OF DIGS	0	0	0	0	40	0
			DENSITY	0.0	0.0	0.0	0.0	161.4	0.0
			STD. DEV.	0.0	0.0	0.0	0.0	457.7	0.0
111-15-30 PACK CREEK	1	DOWNSTREAM	NO. OF DIGS	0	0	0	0	0	155
			DENSITY	0.0	0.0	0.0	0.0	0.0	35.0
			STD. DEV.	0.0	0.0	0.0	0.0	0.0	183.0
111-16-40 SWAN COVE CREEK	1	DOWNSTREAM	NO. OF DIGS	0	0	0	0	40	136
			DENSITY	0.0	0.0	0.0	0.0	99.6	5.8
			STD. DEV.	0.0	0.0	0.0	0.0	265.6	32.3

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APPENDIX B

DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 111

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA		1969	1970	1971	1972	1973	1974	1975
111-12-5 PLEASANT BAY CREEK	1	UPSTREAM	NO. OF DIGS	0	40	40	45	35	35	50
			DENSITY	0.0	133.0	361.3	187.2	236.7	88.0	178.0
			STD. DEV.	0.0	257.7	515.1	306.9	331.3	216.3	338.5
111-12-5 PLEASANT BAY CREEK	2	UPSTREAM	NO. OF DIGS	40	40	40	42	30	30	40
			DENSITY	121.1	113.9	52.7	310.8	170.2	6.3	91.7
			STD. DEV.	281.3	358.0	135.9	419.2	275.6	18.3	289.7
111-13-10 MCLE RIVER	1	UPSTREAM	NO. OF DIGS	0	0	0	45	55	46	60
			DENSITY	0.0	0.0	0.0	389.2	360.5	58.4	151.7
			STD. DEV.	0.0	0.0	0.0	592.6	605.1	174.4	382.1
111-13-10 MCLE RIVER	2	DOWNSTREAM	NO. OF DIGS	50	110	40	41	60	0	50
			DENSITY	164.4	90.3	565.1	845.2	523.5	0.0	357.4
			STD. DEV.	434.5	268.5	900.4	863.9	631.5	0.0	645.3
111-15-20 WINDFALL CREEK	1	DOWNSTREAM	NO. OF DIGS	85	85	65	56	40	40	55
			DENSITY	22.9	0.4	65.1	35.4	151.5	62.6	236.8
			STD. DEV.	98.3	2.3	204.5	173.7	391.6	197.6	625.5
111-15-30 PACK CREEK	1	DOWNSTREAM	NO. OF DIGS	155	141	55	66	50	65	70
			DENSITY	205.5	20.5	183.2	150.2	261.7	67.7	21.9
			STD. DEV.	466.0	81.4	408.3	466.6	444.6	403.6	71.6
111-16-40 SWAN COVE CREEK	1	DOWNSTREAM	NO. OF DIGS	145	100	65	67	65	45	55
			DENSITY	52.8	52.4	283.2	324.2	221.3	127.2	355.8
			STD. DEV.	228.9	169.5	650.8	622.8	474.9	437.8	736.2
111-50-69 FISH CREEK-DOUGLAS I	1	UPSTREAM	NO. OF DIGS	0	20	0	0	0	0	0
			DENSITY	0.0	607.5	0.0	0.0	0.0	0.0	0.0
			STD. DEV.	0.0	726.5	0.0	0.0	0.0	0.0	0.0

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APPENDIX B

DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 112

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1963	1964	1965	1966	1967	1968
112-17-25 LAKE FLORENCE CREEK	1 DOWNSTREAM	NO. OF DIGS	0	0	0	34	34	53
		DENSITY	0.0	0.0	0.0	562.6	601.5	237.1
		STD. DEV.	0.0	0.0	0.0	827.0	608.9	328.7
112-19-10 WILSON RIVER	4 DOWNSTREAM	NO. OF DIGS	0	0	0	0	0	40
		DENSITY	0.0	0.0	0.0	0.0	0.0	10.1
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	26.6
112-21- 5 CLEAR RIVER	1 DOWNSTREAM	NO. OF DIGS	0	85	0	40	35	120
		DENSITY	0.0	273.2	0.0	102.2	57.0	41.7
		STD. DEV.	0.0	460.2	0.0	240.2	184.6	174.0
112-21- 5 CLEAR RIVER	7 DOWNSTREAM	NO. OF DIGS	0	0	0	0	15	0
		DENSITY	0.0	0.0	0.0	0.0	51.0	0.0
		STD. DEV.	0.0	0.0	0.0	0.0	125.5	0.0
112-42-25 KADASHAN BAY E HEAD	1 UPSTREAM	NO. OF DIGS	0	0	0	0	50	0
		DENSITY	0.0	0.0	0.0	0.0	0.1	0.0
		STD. DEV.	0.0	0.0	0.0	0.0	0.7	0.0
112-42-25 KADASHAN BAY E HEAD	2 UPSTREAM	NO. OF DIGS	0	0	0	50	50	50
		DENSITY	0.0	0.0	0.0	2.6	72.3	4.3
		STD. DEV.	0.0	0.0	0.0	18.4	216.4	29.0
112-42-25 KADASHAN BAY E HEAD	3 UPSTREAM	NO. OF DIGS	0	0	0	50	50	50
		DENSITY	0.0	0.0	0.0	17.5	170.2	21.7
		STD. DEV.	0.0	0.0	0.0	73.9	310.1	99.1
112-42-25 KADASHAN BAY E HEAD	4 DOWNSTREAM	NO. OF DIGS	0	0	0	50	50	50
		DENSITY	0.0	0.0	0.0	106.8	324.9	138.4
		STD. DEV.	0.0	0.0	0.0	337.9	492.5	333.9
112-44-10 SALTERY BAY HEAD	1 DOWNSTREAM	NO. OF DIGS	0	0	0	0	0	84
		DENSITY	0.0	0.0	0.0	0.0	0.0	1.6
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	9.4
112-46- 9 SEAL BAY	1 DOWNSTREAM	NO. OF DIGS	0	0	0	0	25	110
		DENSITY	0.0	0.0	0.0	0.0	0.0	38.9
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	157.6
112-47-10 LONG BAY HEAD	2 DOWNSTREAM	NO. OF DIGS	0	0	0	0	40	120
		DENSITY	0.0	0.0	0.0	0.0	160.0	16.7
		STD. DEV.	0.0	0.0	0.0	0.0	405.9	122.1
112-50-30 FRESHWATER CREEK	2 DOWNSTREAM	NO. OF DIGS	0	25	22	0	30	35
		DENSITY	0.0	286.6	190.5	0.0	40.5	0.0
		STD. DEV.	0.0	382.4	408.3	0.0	163.9	0.0

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APPENDIX B DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 112

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1963	1964	1965	1966	1967	1968
112-72-12 N ARM HOOD BAY S FRK	1 DOWNSTREAM	NO. OF DIGS	0	0	0	0	45	30
		DENSITY	0.0	0.0	0.0	0.0	401.0	65.7
		STD. DEV.	0.0	0.0	0.0	0.0	581.0	181.9
112-80-28 CHIAK BAY SE HEAD	2 DOWNSTREAM	NO. OF DIGS	0	0	0	0	0	60
		DENSITY	0.0	0.0	0.0	0.0	0.0	45.7
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	120.3

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APPENDIX E

DIVISION OF COMMERCIAL FISHERIES

**SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION**

DISTRICT: 112

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA		1969	1970	1971	1972	1973	1974	1975		
				NO. OF DIGS	DENSITY	STD. DEV.	NO. OF DIGS	DENSITY	STD. DEV.	NO. OF DIGS	DENSITY	STD. DEV.
112-17-25 LAKE FLORENCE CREEK	1	DOWNSTREAM		55	50		45	40		40	46	43
				82.9	545.9		205.2	367.2		298.8	168.2	114.5
				130.1	536.4		291.6	436.1		486.4	298.2	295.2
112-19-10 WILSON RIVER	1	UPSTREAM		0	0		0	20		20	20	25
				0.0	0.0		0.0	417.5		0.0	0.2	0.0
				0.0	0.0		0.0	698.6		0.0	1.1	0.0
112-19-10 WILSON RIVER	2	UPSTREAM		0	0		0	20		20	15	15
				0.0	0.0		0.0	180.7		52.0	3.7	3.3
				0.0	0.0		0.0	485.6		149.9	9.2	10.3
112-19-10 WILSON RIVER	3	UPSTREAM		0	0		0	15		15	15	15
				0.0	0.0		0.0	584.7		244.3	137.7	9.3
				0.0	0.0		0.0	940.8		622.9	426.1	34.8
112-19-10 WILSON RIVER	4	DOWNSTREAM		0	40		30	25		30	30	35
				0.0	56.3		152.5	154.4		274.3	24.2	142.1
				0.0	249.5		397.5	317.8		404.2	127.7	561.2
112-21-5 CLEAR RIVER	1	DOWNSTREAM		110	120		39	40		35	40	30
				25.6	128.9		146.7	301.4		0.0	134.2	0.0
				119.6	267.1		542.1	573.1		0.0	293.0	0.0
112-42-25 KADASHAN BAY E HEAD	1	UPSTREAM		0	0		0	20		25	25	26
				0.0	0.0		0.0	175.2		44.2	143.2	229.6
				0.0	0.0		0.0	344.2		142.8	503.3	1085.6
112-42-25 KADASHAN BAY E HEAD	2	UPSTREAM		0	50		0	0		0	0	0
				0.0	121.3		0.0	0.0		0.0	0.0	0.0
				0.0	224.9		0.0	0.0		0.0	0.0	0.0
112-42-25 KADASHAN BAY E HEAD	3	UPSTREAM		50	50		50	30		18	20	20
				102.7	20.8		245.9	12.7		0.3	17.0	177.0
				293.0	72.0		486.7	28.4		1.2	51.1	524.9
112-42-25 KADASHAN BAY E HEAD	4	DOWNSTREAM		50	50		30	25		30	30	30
				111.4	184.7		115.7	200.2		94.5	67.8	109.2
				361.0	310.0		235.5	318.7		215.9	183.9	200.6
112-42-25 KADASHAN BAY E HEAD	21	UPSTREAM		0	0		25	25		20	20	20
				0.0	0.0		139.8	74.2		21.5	79.7	0.0
				0.0	0.0		337.3	150.3		43.3	194.8	0.0
112-42-25 KADASHAN BAY E HEAD	22	UPSTREAM		0	0		0	15		14	15	15
				0.0	0.0		0.0	352.7		63.6	487.3	378.3
				0.0	0.0		0.0	661.6		156.2	816.4	719.2

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APPENDIX B

DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 112

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1969	1970	1971	1972	1973	1974	1975
112-46-5 SEAL BAY	1 DOWNSTREAM	NO. OF DIGS	0	95	49	65	55	55	55
		DENSITY	0.0	154.4	262.6	243.5	177.0	98.5	132.5
		STD. DEV.	0.0	376.7	550.2	471.2	383.0	470.0	420.3
112-47-10 LONG BAY HEAD	1 UPSTREAM	NO. OF DIGS	0	0	0	0	0	10	22
		DENSITY	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112-47-10 LONG BAY HEAD	2 DOWNSTREAM	NO. OF DIGS	110	80	0	45	45	25	30
		DENSITY	97.7	93.9	0.0	104.4	85.4	24.8	27.3
		STD. DEV.	457.6	296.9	0.0	423.2	567.9	109.0	142.3
112-48-15 BIG GOOSE CREEK	1 DOWNSTREAM	NO. OF DIGS	75	55	0	35	35	35	35
		DENSITY	220.5	6.7	0.0	105.0	40.1	78.4	62.6
		STD. DEV.	449.2	30.2	0.0	335.7	138.2	289.6	277.3
112-48-35 TENAKEE INLET HEAD	1 DOWNSTREAM	NO. OF DIGS	85	0	0	25	25	25	30
		DENSITY	106.3	0.0	0.0	7.6	87.4	0.0	0.0
		STD. DEV.	344.4	0.0	0.0	38.0	272.5	0.0	0.0
112-50-30 FRESHWATER CREEK	1 UPSTREAM	NO. OF DIGS	0	0	0	0	0	12	20
		DENSITY	0.0	0.0	0.0	0.0	0.0	4.2	3.0
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	12.9	11.3
112-50-30 FRESHWATER CREEK	2 DOWNSTREAM	NO. OF DIGS	85	0	0	35	45	45	35
		DENSITY	11.6	0.0	0.0	21.7	70.6	51.9	10.6
		STD. DEV.	48.8	0.0	0.0	57.2	299.3	160.2	42.5
112-61-10 POINT HOWARD	1 DOWNSTREAM	NO. OF DIGS	0	55	0	30	40	30	30
		DENSITY	0.0	146.4	0.0	128.7	111.3	58.7	221.3
		STD. DEV.	0.0	288.3	0.0	329.7	306.5	171.1	416.7
112-72-12 N ARM HOOD BAY S FRK	1 DOWNSTREAM	NO. OF DIGS	145	80	60	60	60	60	55
		DENSITY	228.8	152.0	512.4	154.7	237.2	22.6	30.3
		STD. DEV.	469.5	432.0	872.9	335.8	513.7	154.3	149.1
112-80-28 CHIAK BAY SE HEAD	1 UPSTREAM	NO. OF DIGS	0	45	0	29	20	25	25
		DENSITY	0.0	70.3	0.0	178.1	13.8	3.2	43.6
		STD. DEV.	0.0	199.9	0.0	327.7	53.6	13.0	136.9
112-80-28 CHIAK BAY SE HEAD	2 DOWNSTREAM	NO. OF DIGS	60	25	30	30	30	23	25
		DENSITY	447.2	7.0	362.7	144.3	186.2	100.4	129.4
		STD. DEV.	694.3	26.3	627.4	293.8	301.8	346.7	348.9

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 APPENDIX E DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
 NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 113

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1963	1964	1965	1966	1967	1968
113-42- 3 NCXON CREEK	1 DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	25 881.2 1094.3	0 0.0 0.0	0 0.0 0.0	50 0.1 0.7	58 56.9 141.2
113-43- 1 NAKVASINA RIVER	1 DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	65 35.5 172.8
113-53- 3 SAOK BAY W HEAD	1 DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	62 121.7 323.6	150 72.1 257.5
113-54- 7 RODMAN CREEK	1 DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	75 412.6 589.1	40 403.1 799.5	36 14.7 32.5	75 158.5 408.6	115 12.7 83.6
113-54- 7 RODMAN CREEK	7 UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	10 336.0 497.9	0 0.0 0.0	0 0.0 0.0
113-54- 7 RODMAN CREEK	8 UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	3 76.7 132.8	0 0.0 0.0	0 0.0 0.0
113-54- 7 RODMAN CREEK	9 UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	4 51.3 33.3	0 0.0 0.0	0 0.0 0.0
113-57- 1 FICK COVE HEAD	1 DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	45 268.4 737.9	0 0.0 0.0	0 0.0 0.0	43 163.3 445.2	70 10.1 61.9
113-57- 5 PATTERSON BAY N HEAD	1 DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	60 16.6 108.0	0 0.0 0.0	100 19.3 108.8
113-58- 4 HOONAH SOUND N HEAD	1 DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	50 380.5 944.6	50 373.5 674.7	25 0.0 0.0	50 242.5 610.6	100 36.3 181.0
113-58- 4 HOONAH SOUND N HEAD	7 UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	30 240.3 366.2	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0
113-65- 4 FISH BAY CREEK	1 DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	25 23.0 58.3	50 119.4 422.7

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APPENDIX E DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 113

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA		1963	1964	1965	1966	1967	1968
113-72- 4 RUST CK-SISTER LAKE	1	DOWNSTREAM SISTER LAKE	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	50 102.5 261.0
113-72- 5 SISTER LAKE SE HEAD	1	DOWNSTREAM SISTER LAKE SE HEAD	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	40 49.1 225.4	70 52.8 154.4	70 50.6 200.2	75 163.9 425.5
113-73- 6 WATERFALL COVE CREEK	1	DOWNSTREAM WATERFALL COVE CREEK	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	50 322.6 630.8	56 59.0 146.1	55 78.0 254.1	70 192.4 403.1
113-95- 6 LIZIANSKI INLET HEAD	7	UPSTREAM LIZIANSKI INLET HEAD	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	20 30.5 89.3	0 0.0 0.0	0 0.0 0.0
113-95- 6 LIZIANSKI INLET HEAD	8	UPSTREAM LIZIANSKI INLET HEAD	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	20 219.7 470.1	0 0.0 0.0	0 0.0 0.0
113-95- 6 LIZIANSKI INLET HEAD	9	UPSTREAM LIZIANSKI INLET HEAD	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	20 0.0 0.0	0 0.0 0.0	0 0.0 0.0
113-96- 2 SALTERY RIVER-STAG B	1	DOWNSTREAM SALTERY RIVER-STAG B	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	120 130.7 319.6	100 158.0 364.0

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APPENDIX E DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 113

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1969	1970	1971	1972	1973	1974	1975
113-42- 3 NOXON CREEK	1 DOWNSTREAM	NO. OF DIGS	44	43	55	55	50	50	35
		DENSITY	1.0	203.8	18.7	274.5	5.1	654.7	10.6
		STD. DEV.	6.1	389.2	136.8	440.9	35.3	1209.6	41.8
113-43- 1 NAKVASINA RIVER	1 DOWNSTREAM	NO. OF DIGS	100	80	60	60	45	40	40
		DENSITY	0.0	7.2	0.0	143.7	0.0	351.3	0.0
		STD. DEV.	0.0	33.0	0.0	324.0	0.0	576.7	0.0
113-44- 5 KATLIAK BAY S. FORK	1 DOWNSTREAM	NO. OF DIGS	0	55	70	55	60	55	55
		DENSITY	0.0	277.9	8.2	469.0	0.6	286.2	16.4
		STD. DEV.	0.0	430.4	51.3	709.4	4.5	388.3	120.7
113-53- 3 SAOCK BAY W HEAD	1 DOWNSTREAM	NO. OF DIGS	145	150	40	45	45	35	45
		DENSITY	154.9	71.9	293.0	184.9	104.8	32.6	43.6
		STD. DEV.	327.8	272.1	641.7	354.6	209.6	113.4	143.1
113-54- 7 RODMAN CREEK	1 DOWNSTREAM	NO. OF DIGS	90	100	40	40	40	40	35
		DENSITY	84.4	56.3	87.1	61.0	261.4	1.9	250.3
		STD. DEV.	268.8	146.9	201.6	184.4	414.3	11.9	489.2
113-57- 1 FICK COVE HEAD	1 DOWNSTREAM	NO. OF DIGS	70	64	75	50	55	60	60
		DENSITY	141.3	29.4	105.2	26.8	402.9	0.7	69.0
		STD. DEV.	331.4	133.8	346.6	92.2	806.2	4.1	307.6
113-57- 5 PATTERSON BAY N HEAD	1 DOWNSTREAM	NO. OF DIGS	85	100	60	40	40	45	25
		DENSITY	118.1	26.4	198.1	0.6	202.5	4.1	33.8
		STD. DEV.	364.1	188.6	534.1	2.8	500.7	26.1	86.0
113-58- 4 HOONAH SOUND N HEAD	1 DOWNSTREAM	NO. OF DIGS	105	75	85	55	50	35	30
		DENSITY	91.8	5.8	103.4	0.6	286.2	0.3	176.8
		STD. DEV.	228.1	50.2	295.3	4.7	597.2	1.7	404.2
113-65- 4 FISH BAY CREEK	1 DOWNSTREAM	NO. OF DIGS	37	37	40	38	35	40	35
		DENSITY	22.6	72.2	0.0	324.5	1.1	27.5	24.3
		STD. DEV.	91.7	237.4	0.0	624.3	6.8	123.4	143.7
113-72- 4 RUST CK-SISTER LAKE	1 DOWNSHIFT	NO. OF DIGS	0	50	0	0	0	0	0
		DENSITY	0.0	3.3	0.0	0.0	0.0	0.0	0.0
		STD. DEV.	0.0	12.1	0.0	0.0	0.0	0.0	0.0
113-72- 5 SISTER LAKE SE HEAD	1 DOWNSHIFT	NO. OF DIGS	70	70	40	40	40	30	45
		DENSITY	26.4	69.2	5.7	87.2	5.6	31.8	0.0
		STD. DEV.	212.2	228.0	35.6	329.6	35.6	96.5	0.0
113-73- 6 WATERFALL COVE CREEK	1 DOWNSTREAM	NO. OF DIGS	70	70	40	40	45	40	50
		DENSITY	14.1	237.4	239.6	462.7	451.7	218.2	91.9
		STD. DEV.	43.5	375.0	433.0	657.5	734.2	461.9	208.9

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 APPENDIX B DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
 NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 113

STREAM NUMBER	STUDY AREA	STREAM AREA	1969	1970	1971	1972	1973	1974	1975
113-95- 6	1 INLET HEAD	UPSTREAM	NO. OF DIGS DENSITY STD. DEV.	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	0 0.0 0.0	20 0.0 0.0
113-95- 6	2 INLET HEAD	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	100 19.0 92.0	75 100.1 260.6	43 56.2 144.2	50 428.5 681.4	45 68.9 170.3	40 256.7 429.6
113-96- 2	1 RIVER-STAG B	DOWNSTREAM	NO. OF DIGS DENSITY STD. DEV.	110 33.5 143.9	100 181.6 387.8	0 0.0 0.0	0 0.0 0.0	70 70.4 226.9	58 72.4 286.7

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APPENDIX B

DIVISION OF COMMERCIAL FISHERIES

SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 114

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA						
			1963	1964	1965	1966	1967	1968
114-23-7C MUD BAY RIVER	1 DOWNSTREAM	NO. OF DIGS	0	0	0	0	0	30
		DENSITY	0.0	0.0	0.0	0.0	0.0	57.0
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	224.7
114-23-7C MUD BAY RIVER	2 DOWNSTREAM	NO. OF DIGS	0	0	0	0	0	15
		DENSITY	0.0	0.0	0.0	0.0	0.0	0.0
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	0.0
114-23-7C MUD BAY RIVER	7 UPSTREAM	NO. OF DIGS	0	0	0	18	0	0
		DENSITY	0.0	0.0	0.0	17.2	0.0	0.0
		STD. DEV.	0.0	0.0	0.0	70.6	0.0	0.0
114-23-7C MUD BAY RIVER	8 UPSTREAM	NO. OF DIGS	0	0	0	20	0	0
		DENSITY	0.0	0.0	0.0	278.2	0.0	0.0
		STD. DEV.	0.0	0.0	0.0	492.2	0.0	0.0
114-23-7C MUD BAY RIVER	9 UPSTREAM	NO. OF DIGS	0	0	0	20	0	0
		DENSITY	0.0	0.0	0.0	139.2	0.0	0.0
		STD. DEV.	0.0	0.0	0.0	265.7	0.0	0.0
114-25-10 HOMESHORE STREAM	1 DOWNSTREAM	NO. OF DIGS	0	0	20	40	40	40
		DENSITY	0.0	0.0	494.0	336.4	161.3	53.8
		STD. DEV.	0.0	0.0	678.6	638.1	298.4	191.8
114-27-3C SPASSKI CREEK	3 DOWNSTREAM	NO. OF DIGS	0	0	0	0	0	100
		DENSITY	0.0	0.0	0.0	0.0	0.0	13.3
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	70.2
114-31-13 GAME CREEK	3 DOWNSTREAM	NO. OF DIGS	0	0	0	0	0	50
		DENSITY	0.0	0.0	0.0	0.0	0.0	7.5
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	29.4
114-34-1C HUMPBACK CREEK	1 DOWNSTREAM	NO. OF DIGS	0	0	0	40	80	67
		DENSITY	0.0	0.0	0.0	246.1	149.0	25.7
		STD. DEV.	0.0	0.0	0.0	633.5	322.8	153.9
114-40-35 IDAHO INLET HEAD	1 UPSTREAM	NO. OF DIGS	0	0	0	0	0	75
		DENSITY	0.0	0.0	0.0	0.0	0.0	0.1
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	0.8
114-40-35 IDAHO INLET HEAD	2 DOWNSTREAM	NO. OF DIGS	0	0	0	0	0	75
		DENSITY	0.0	0.0	0.0	0.0	0.0	90.3
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	209.5
114-40-35 IDAHO INLET HEAD	7 UPSTREAM	NO. OF DIGS	0	0	0	20	0	0
		DENSITY	0.0	0.0	0.0	37.2	0.0	0.0
		STD. DEV.	0.0	0.0	0.0	110.6	0.0	0.0

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SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 114

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA		1963	1964	1965	1966	1967	1968
114-40-35 IDAHO INLET HEAD	8	UPSTREAM	NO. OF DIGS	0	0	0	20	0	0
			DENSITY	0.0	0.0	0.0	19.5	0.0	0.0
			STD. DEV.	0.0	0.0	0.0	64.3	0.0	0.0
114-40-35 IDAHO INLET HEAD	9	DOWNSTREAM	NO. OF DIGS	0	0	0	20	0	0
			DENSITY	0.0	0.0	0.0	84.7	0.0	0.0
			STD. DEV.	0.0	0.0	0.0	167.9	0.0	0.0
114-50-20 PCRT ALTHORP S HEAD	1	DOWNSTREAM	NO. OF DIGS	0	0	40	40	80	62
			DENSITY	0.0	0.0	367.4	250.1	21.5	254.0
			STD. DEV.	0.0	0.0	658.2	555.6	124.6	467.5

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SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
 NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 114

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1969	1970	1971	1972	1973	1974	1975
114-23-70 MUD BAY RIVER	1 DOWNSTREAM	NO. OF DIGS	30	0	0	30	30	35	30
		DENSITY	0.0	0.0	0.0	249.3	0.0	118.6	0.0
		STD. DEV.	0.0	0.0	0.0	488.1	0.0	465.2	0.0
114-23-70 MUD BAY RIVER	2 DOWNSTREAM	NO. OF DIGS	10	0	0	25	20	25	20
		DENSITY	0.0	0.0	0.0	154.6	0.0	0.0	0.0
		STD. DEV.	0.0	0.0	0.0	435.6	0.0	0.0	0.0
114-25-10 HOMESHORE STREAM	1 DOWNSTREAM	NO. OF DIGS	40	40	37	55	50	50	50
		DENSITY	226.7	532.4	171.4	250.2	99.4	100.5	44.3
		STD. DEV.	411.8	714.8	331.6	420.2	359.9	294.3	119.7
114-27-30 SPASSKI CREEK	1 UPSTREAM	NO. OF DIGS	0	0	0	35	35	35	20
		DENSITY	0.0	0.0	0.0	192.0	0.1	46.4	0.0
		STD. DEV.	0.0	0.0	0.0	518.2	0.8	171.8	0.0
114-27-30 SPASSKI CREEK	2 UPSTREAM	NO. OF DIGS	0	0	0	25	30	25	20
		DENSITY	0.0	0.0	0.0	260.8	0.0	21.0	0.0
		STD. DEV.	0.0	0.0	0.0	599.6	0.0	105.0	0.0
114-27-30 SPASSKI CREEK	3 DOWNSTREAM	NO. OF DIGS	100	100	30	30	35	30	30
		DENSITY	58.5	80.8	63.5	109.2	183.6	158.0	50.2
		STD. DEV.	203.5	223.7	191.0	252.6	417.0	355.7	169.7
114-31-13 GAME CREEK	1 UPSTREAM	NO. OF DIGS	0	0	0	25	30	30	30
		DENSITY	0.0	0.0	0.0	0.0	0.0	4.5	0.0
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	24.6	0.0
114-31-13 GAME CREEK	2 UPSTREAM	NO. OF DIGS	0	0	0	0	30	0	35
		DENSITY	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		STD. DEV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114-31-13 GAME CREEK	3 DOWNSTREAM	NO. OF DIGS	0	55	0	30	35	40	40
		DENSITY	0.0	148.0	0.0	17.5	27.7	73.6	0.0
		STD. DEV.	0.0	301.2	0.0	54.9	111.9	174.6	0.0
114-34-10 HUMPBACK CREEK	1 DOWNSTREAM	NO. OF DIGS	130	85	41	55	45	50	40
		DENSITY	110.8	101.8	142.6	315.4	131.0	175.8	42.5
		STD. DEV.	349.9	294.5	430.2	572.7	417.3	517.1	154.3
114-40-35 IDAHO INLET HEAD	1 UPSTREAM	NO. OF DIGS	0	0	0	15	40	40	40
		DENSITY	0.0	0.0	0.0	84.0	0.0	23.1	0.0
		STD. DEV.	0.0	0.0	0.0	243.2	0.0	96.0	0.0
114-40-35 IDAHO INLET HEAD	2 DOWNSTREAM	NO. OF DIGS	75	75	45	40	30	30	30
		DENSITY	0.4	197.5	0.0	634.6	0.0	303.5	0.0
		STD. DEV.	3.5	358.4	0.0	1005.2	0.0	596.5	0.0

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SUMMARY BY YEAR OF LIVE PINK SALMON EGGS AND FRY:
NUMBER OF DIGS, DENSITY, AND STANDARD DEVIATION

DISTRICT: 114

STREAM NUMBER STREAM NAME	STUDY AREA	STREAM AREA	1969	1970	1971	1972	1973	1974	1975
114-50-20 PCRT ALTHORP S HEAD	1 DOWNSTREAM	NO. OF DIGS	62	55	38	46	45	50	45
		DENSITY	122.4	475.2	47.2	363.3	52.4	416.8	32
		STD. DEV.	355.8	544.7	170.2	540.9	213.0	670.8	13.1

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